ICMIF Advanced Management Course 2024

3. Leading Teams in a Complex World







Welcome Back

3. Leading Teams in a Complex World

Wednesday morning groups

Group 1 Helle Sand Justin Pursaga Pim Robyn Ryan Dale Maquidato Sven Bäthies

Group 2

Amie Grace Sabornido

Andreas Gärtner

Anne Rice

Jana Vanderlinden

Kenneth Wolstrup

Group 3
Cindy Nestman
Franziska Rummel
Jens Smids
Richard Hyman

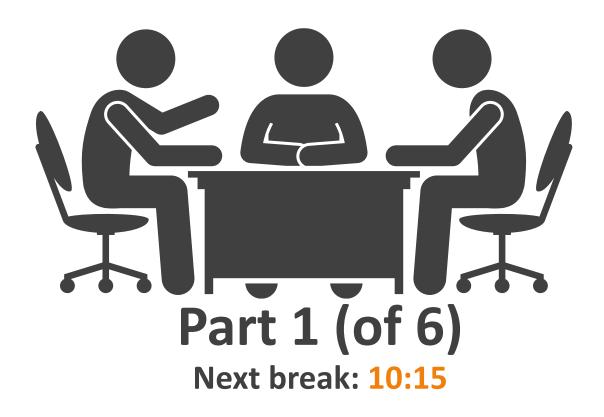




Wednesday Leading Teams in a Complex World

Start	Part	
09:00	1	Universal Challenges when Leading Collaboration in a Complex World
10:15		Break
10:35	2	Foundations for Leading Effective Collaboration: Collective Intelligence
11:15		Break
11:35	3	Foundations for Leading Effective Collaboration: Psychological Safety
12:05		Lunch
12:50	4	Tools for Leading Eternal Renewal: a) the Strategic Framework & b) Healthy Challenges
14:10		Break
14:25	5	Tools for Leading Eternal Renewal: c) the Pre-mortem & d) the Innovation Matrix
15:25		Break
15:40	6	Peer-to-peer consultancy #1: tackling your current challenges and opportunities
17:00		End

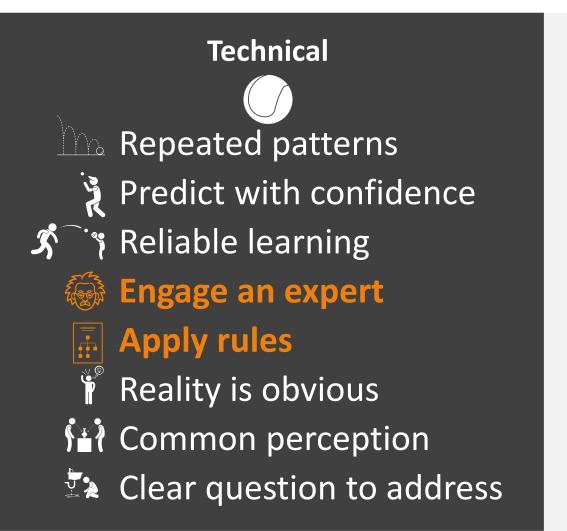
ICMIF Advanced Management Course 2024 Universal Challenges when Leading Collaboration in a Complex World





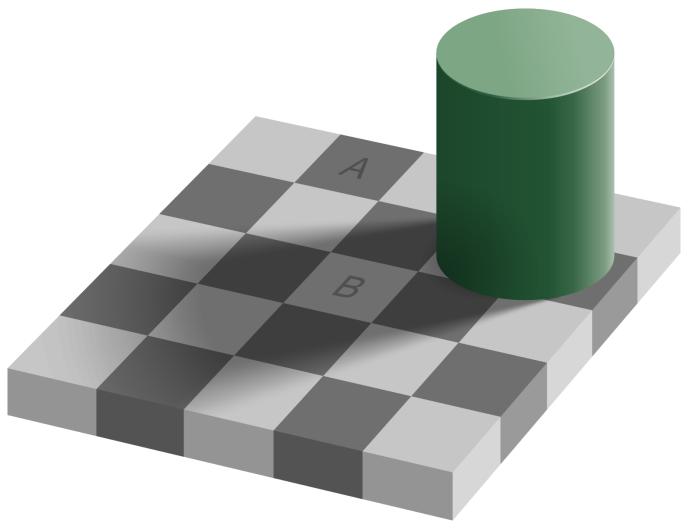


Complex Situations Require Teams Using Models and Tools



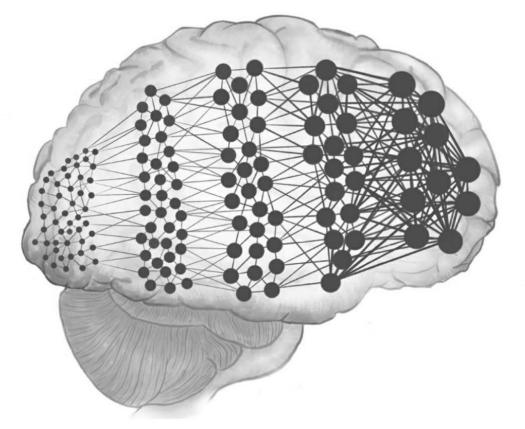


Which Square Appears Darker?



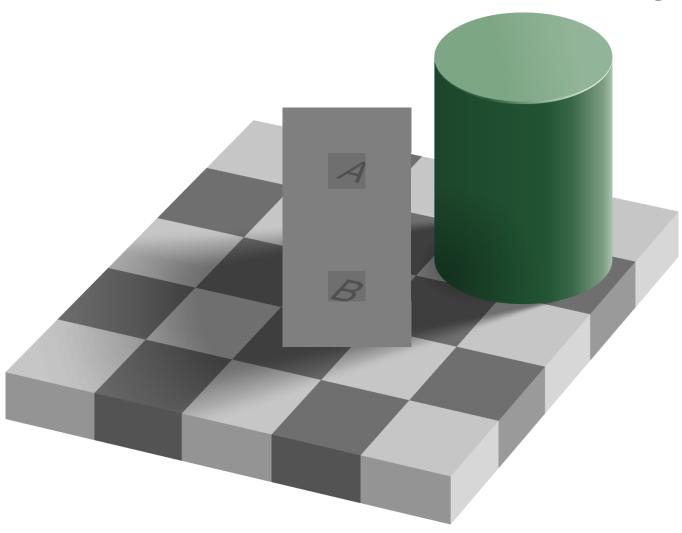
By Original by Edward H. Adelson - File created by Adrian Pingstone, based on the original created by Edward H. Adelson, Copyrighted free use, https://commons.wikimedia.org/w/index.php?curid=45737683

Our Brains Construct Reality As Models of Models From Billions of "Dumb" Sensory Inputs



Source: Seven and A Half Lessons About the Brain (Feldman Barrett)

We Do Not Perceive Reality



By Original by Edward H. Adelson - File created by Adrian Pingstone, based on the original created by Edward H. Adelson, Copyrighted free use, https://commons.wikimedia.org/w/index.php?curid=45737683

Have You Ever

Seen a colour, heard a sound or smelt a smell?

The Universe Is

Odourless, colourless and silent The brain generates its own reality



Dr. David Eagleman Stanford University

Optional Blow Your Mind Reference

Excerpt from The Brain by David Eagleman

Chapter 2 – What is Reality?

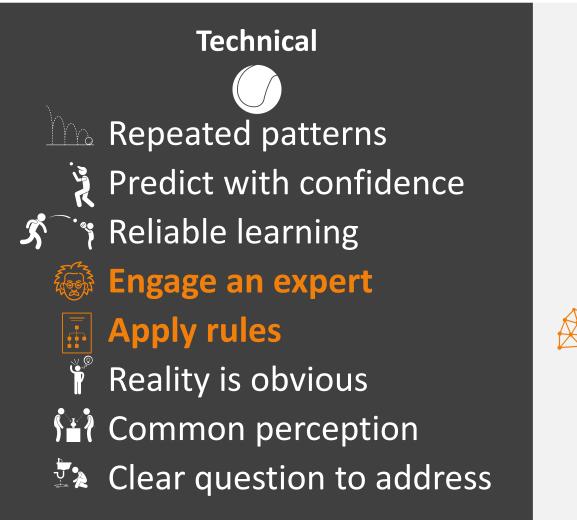
How does the biological wetware of the brain give rise to our experience: the sight of emerald green, the taste of cinnamon, the smell of wet soil? What if I told you that the world around you, with its rich colors, textures, sounds, and scents is an illusion, a show put on for you by your brain? If you could perceive reality as it really is, you would be shocked by its colorless, odorless, tasteless silence. Outside your brain, there is just energy and matter. Over millions of years of evolution the human brain has become adept at turning this energy and matter into a rich sensory experience of being in the world. How?

The illusion of reality

From the moment you awaken in the morning, you're surrounded with a rush of light and sounds and smells. Your senses are flooded. All you have to do is show up every day, and without thought or effort, you are immersed in the irrefutable reality of the world.

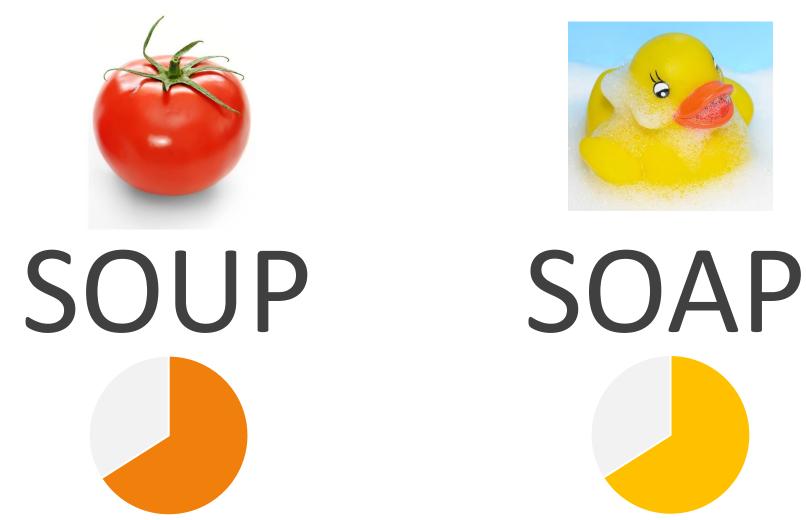
But how much of this reality is a construction of your brain, taking place only inside your head?

Collaborating Is Hard When We Do Not Have a Shared Understanding of Reality





Priming Our Recent Experience Influences Us

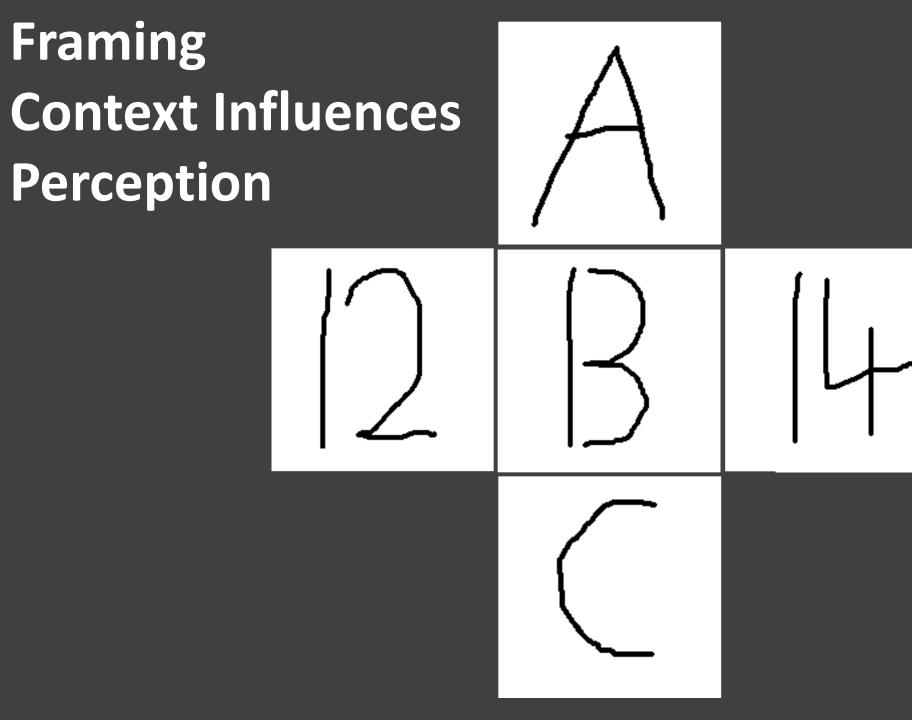


Efficiency Requires a Brain

To predict what will be needed



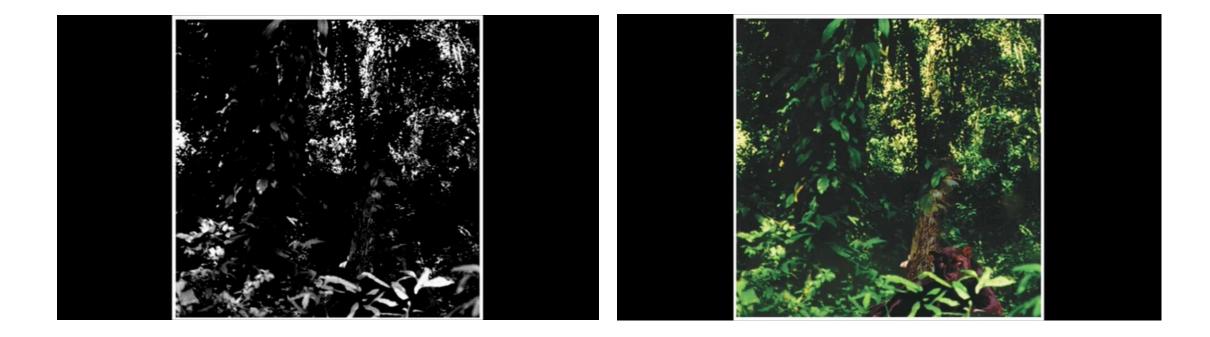
Peter Sterling Perelman School of Medicine



We Don't Sense All There is to Sense

Quantity of Light Reflected

Quality of Light Reflected

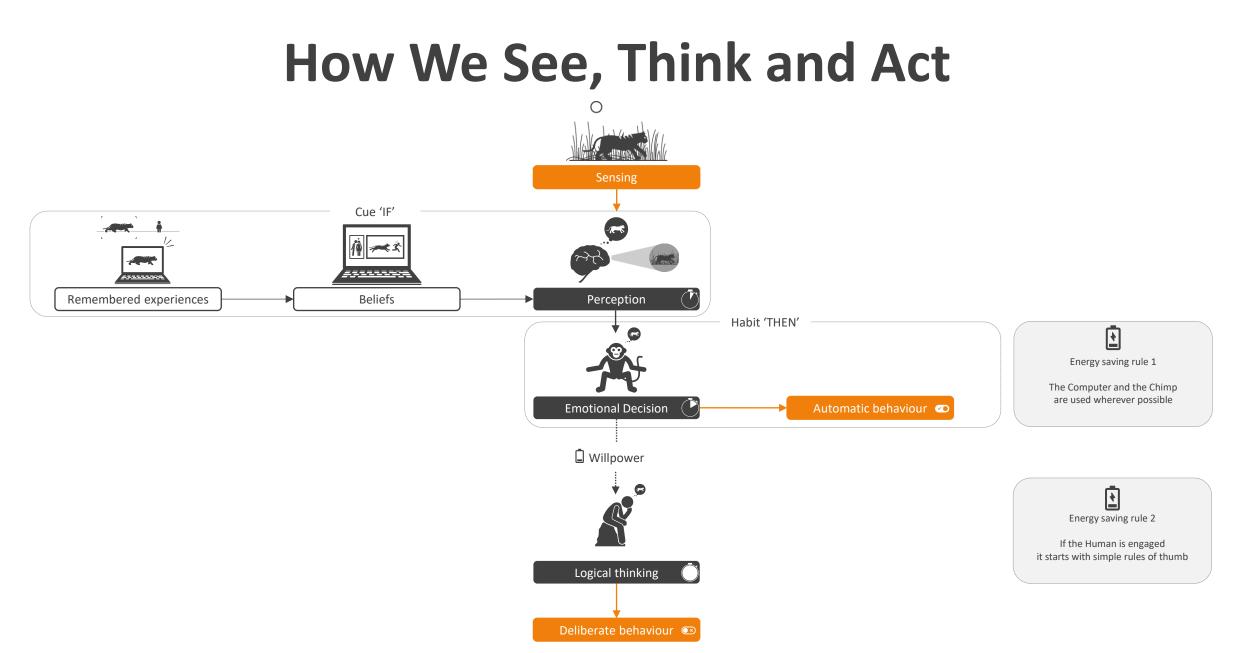


We Don't Sense All There is to Sense

We have no direct access to our physical world, other than through our senses



Beau Lotto University College London



The Light that Falls Onto Your Eye Sensory Information

Is meaningless, because it could mean literally anything



Beau Lotto University College London

Source: https://www.ted.com/talks/beau_lotto_optical_illusions_show_how_we_see . Source: Image: beaulotto.com

What's True for Sensory Information is True for Information Generally

There's no inherent meaning in information



Beau Lotto University College London

So, How Do We See?

We see by learning to see



Beau Lotto University College London

Source: https://www.ted.com/talks/beau_lotto_optical_illusions_show_how_we_see . Source: Image: beaulotto.com

The Brain Evolved the Mechanisms for

Finding patterns, finding relationships in information, and associating those relationships with a behavioural meaning, by interacting with the world



Beau Lotto University College London

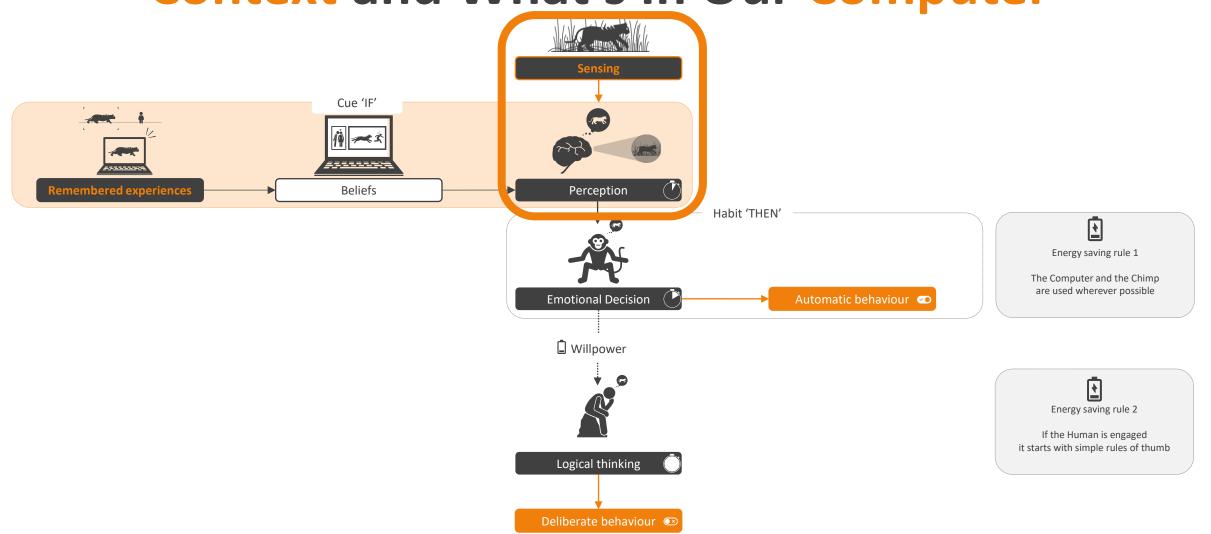
The Brain Evolved to See the World

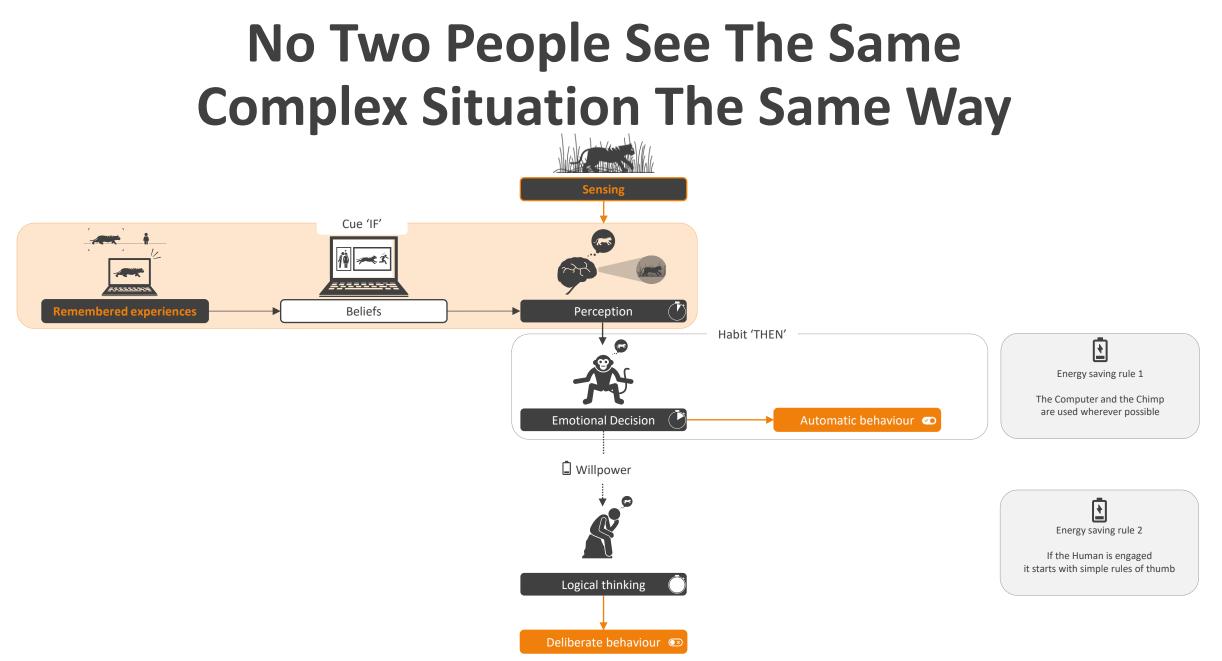
The way it was useful to see in the past



Beau Lotto University College London

Our Frame Is Based on What We Sense, Context and What's In Our Computer

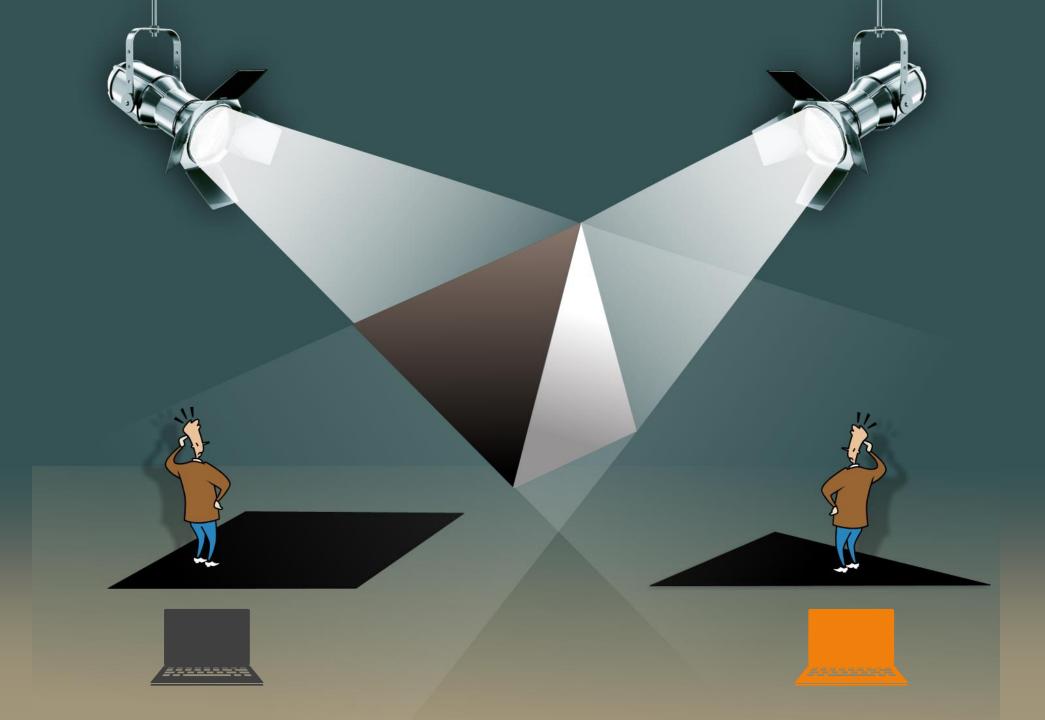




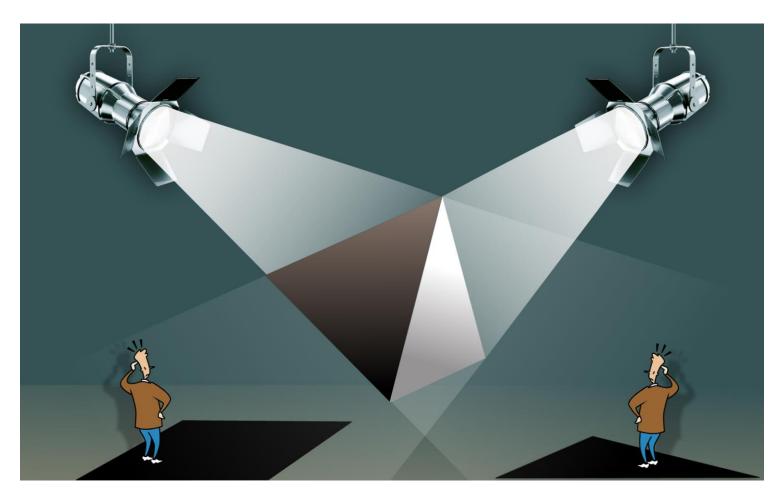
Celebrate Doubt



Jennifer Garvey Berger Cultivating Leadership



No Two People See The Same Complex Situation The Same Way



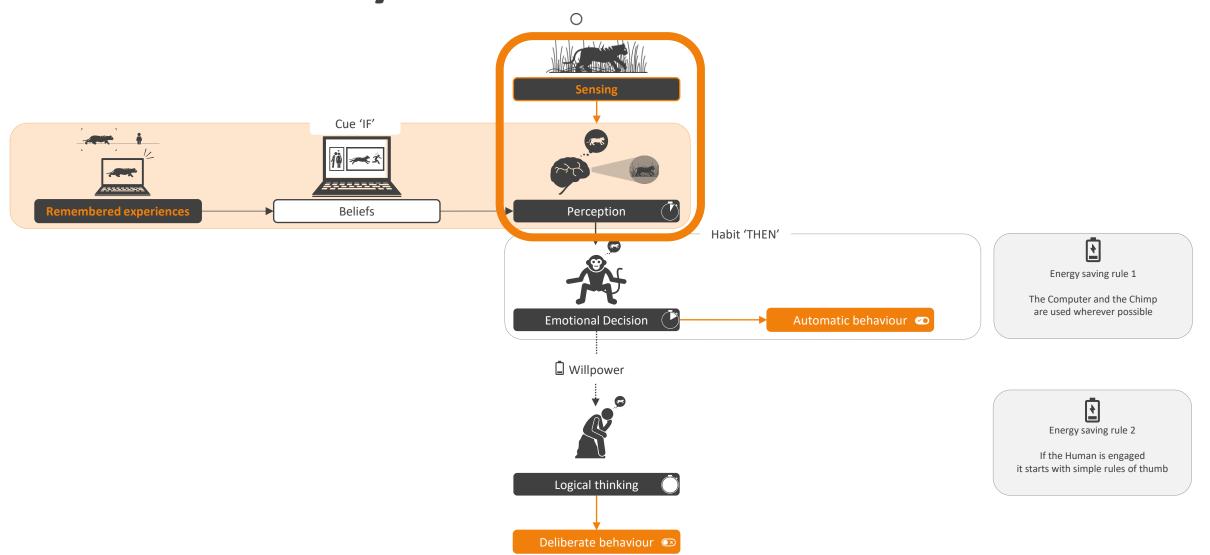
No Two People See The Same Complex Situation The Same Way

Reality is constructed differently in different heads



Dr. David Eagleman Stanford University

They See Different Frames



Our Mental Models

Affect what we see

Two people with different mental models can observe the same event and describe it differently, because they've looked at different details and made different interpretations We observe selectively

MIT

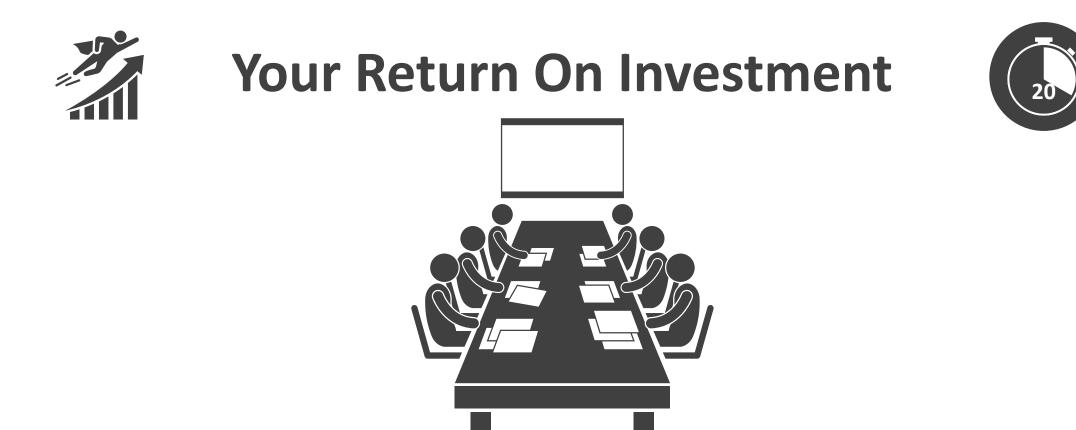
Pilots Never Go Anywhere Without a Wingman Because We Do Not Perceive Reality



Key Tool: Harness Collective Intelligence

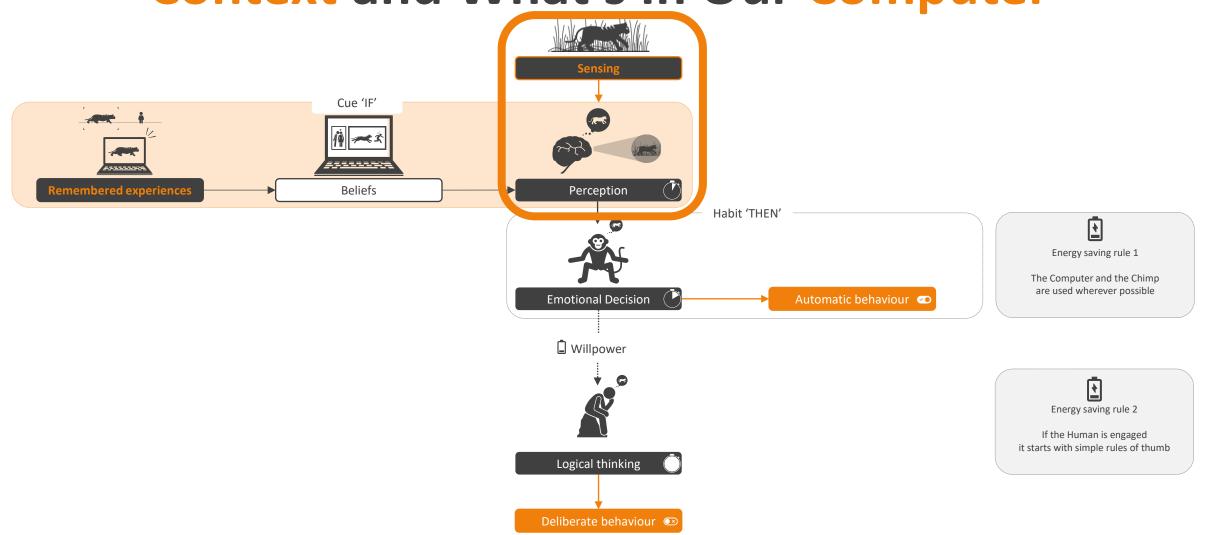


Because we do not perceive reality



9. How do you currently lead discussions where you work?

Our Frame Is Based on What We Sense, Context and What's In Our Computer



Your Personal Experiences Makes Up Maybe 0.0000001% of What's Happened in the World

But maybe 80% of how you think the world works



Morgan Housel The Psychology of Investing

Key Tool: Harness Collective Intelligence



Because we do not perceive reality

ICMIF Advanced Management Course 2024 Foundations for Leading Effective Collaboration: Collective Intelligence







Groups <u>Can</u> Outperform Individuals When Making Decisions



Explaining Why Groups Excel



Wisdom of Crowds Effect

Phone An Expert Friend

Ask the Audience





Wisdom of Crowds Effect

The smartest person in the room

Wisdom of Crowds Effect

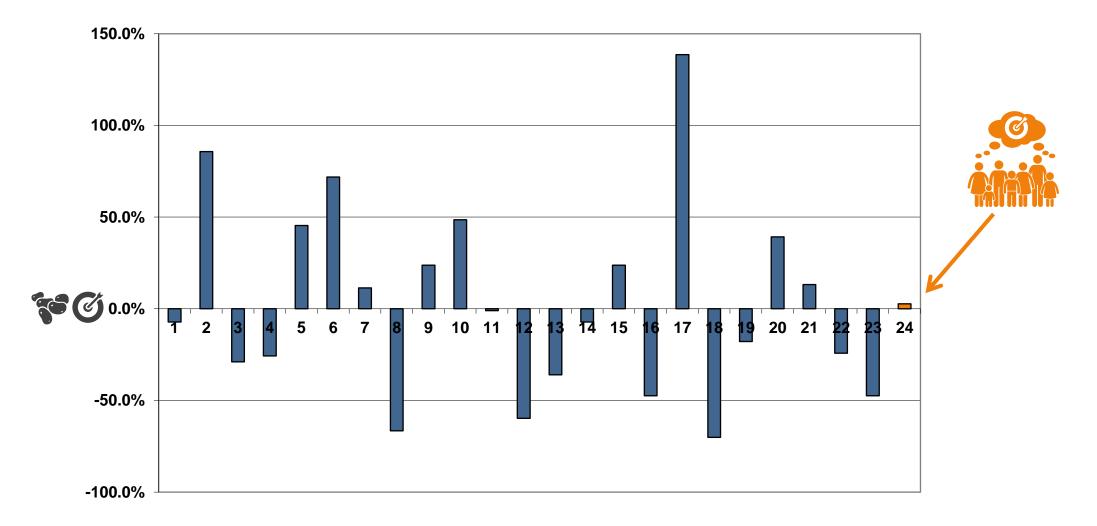
The smartest person in the room IS the room

How Many?

Sec.

1

Collective Intelligence in Action



3 Steps to Collective Intelligence

1. Capture your private perspective

Independently judging what you perceive to be true



2. Take turns to share perspectives without interruption

Sharing perspectives to surface all information



3.Engage in dialogue to synthesise what your combined perspectives mean

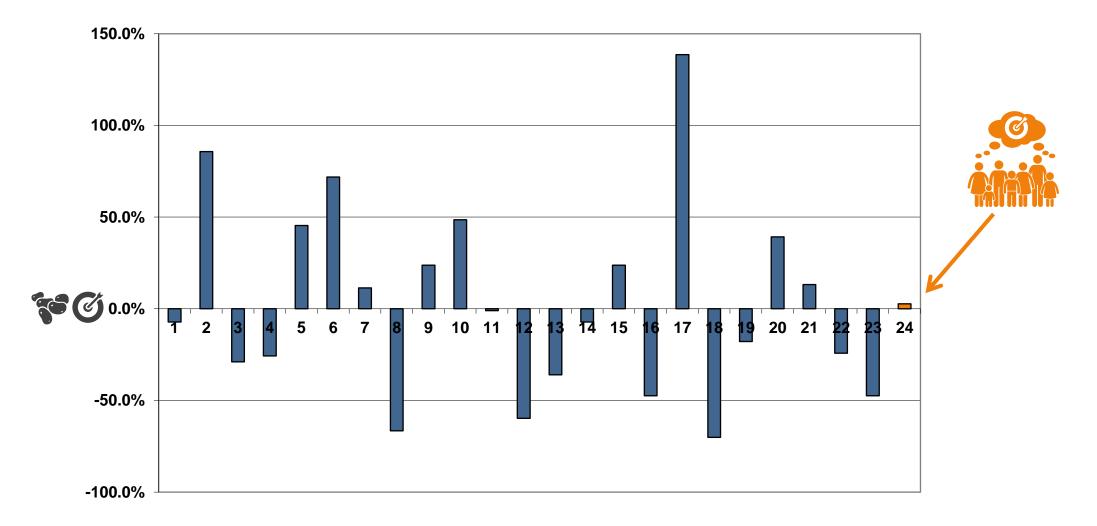
Collectively deciding what is probably true

3 Steps to Collective Intelligence

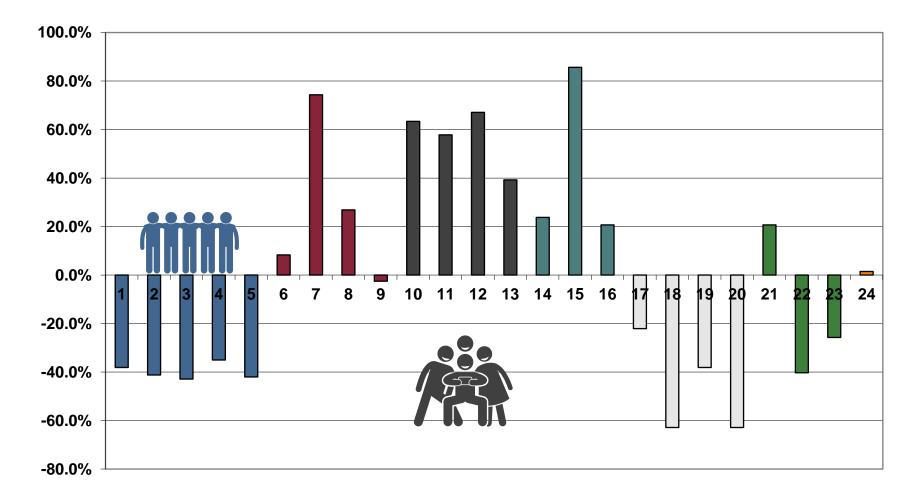
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Collective Intelligence in Action

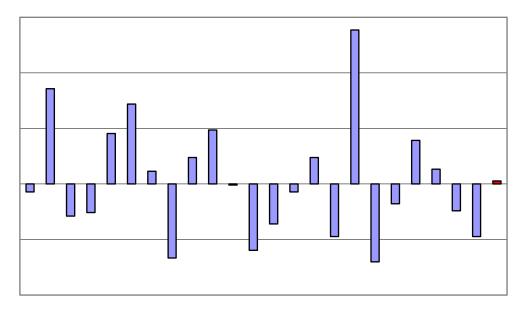


Collective Intelligence - Biased



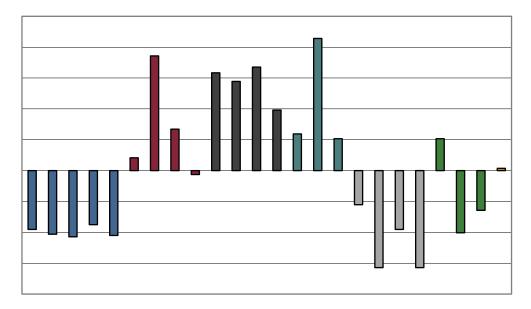
Discussing Too Early Destroys Independence

Collective intelligence in action



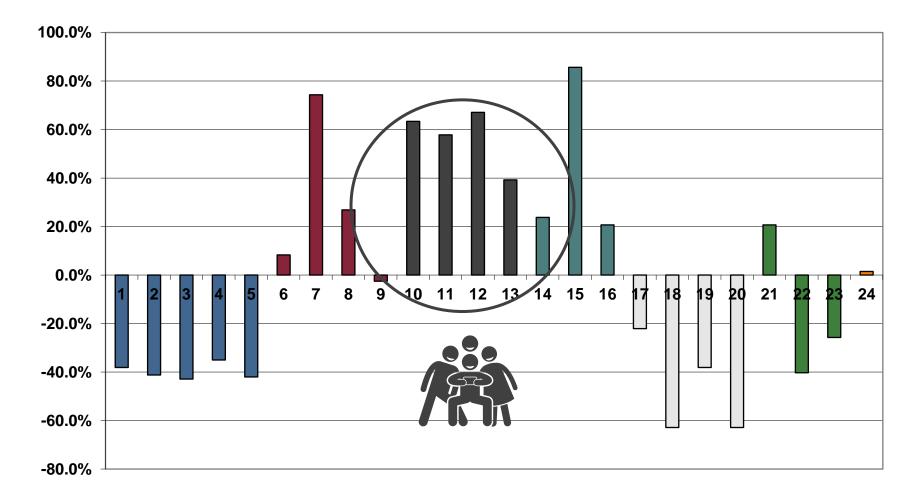
- One guess per person
- No conferring
- Independent judgements

Collective intelligence - biased

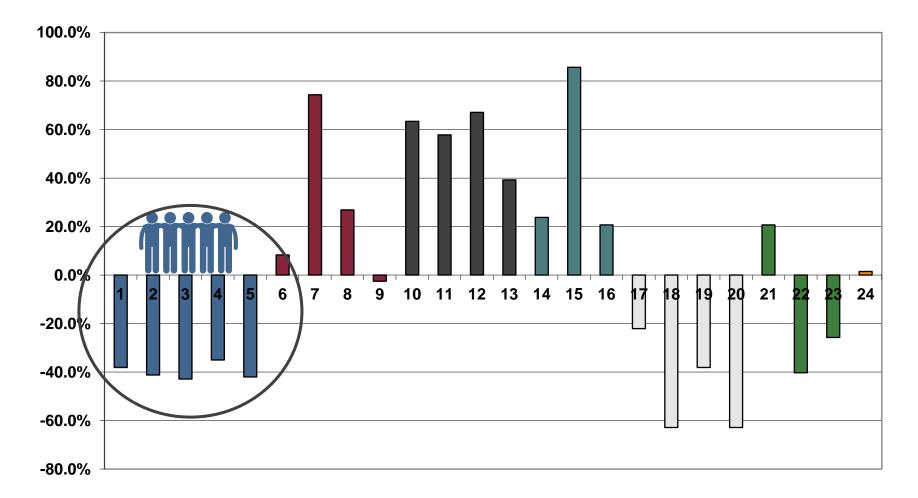


- One guess per person
- Discuss in groups
- *Biased* judgements

Collective Intelligence - Biased



Collective Intelligence - Biased



The Most Fundamental Principle in Clinical Decision-Making

Is that the interpretation of new information depends on what you believed beforehand



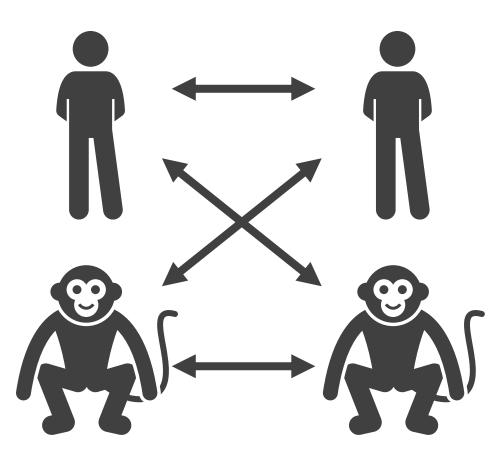
Sox, Higgins, Owens 2013

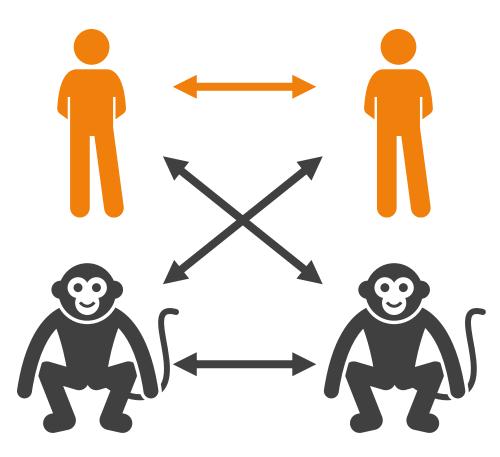
3 Steps to Collective Intelligence

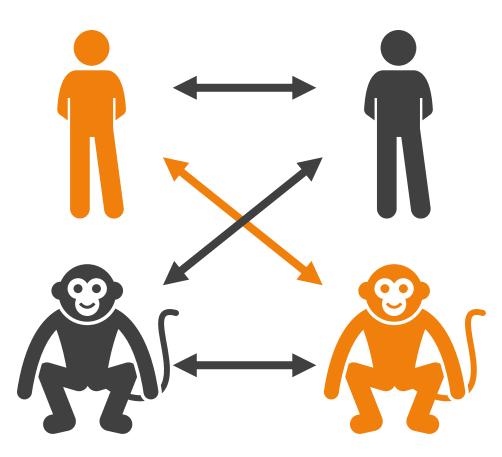
1. Capture your private perspective

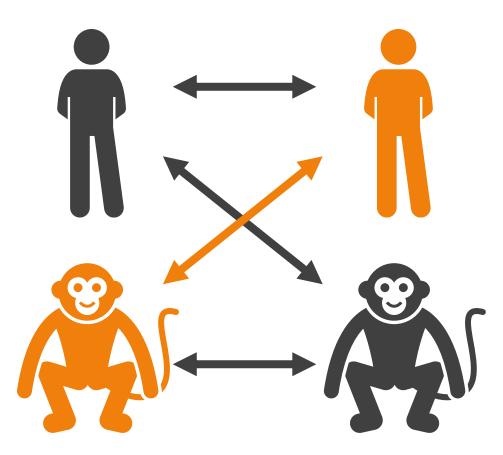
Independently judging what you perceive to be true

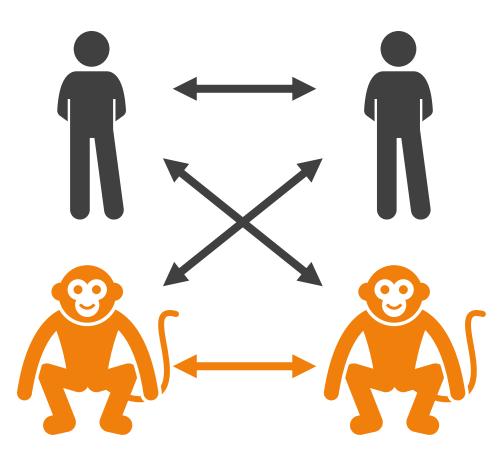




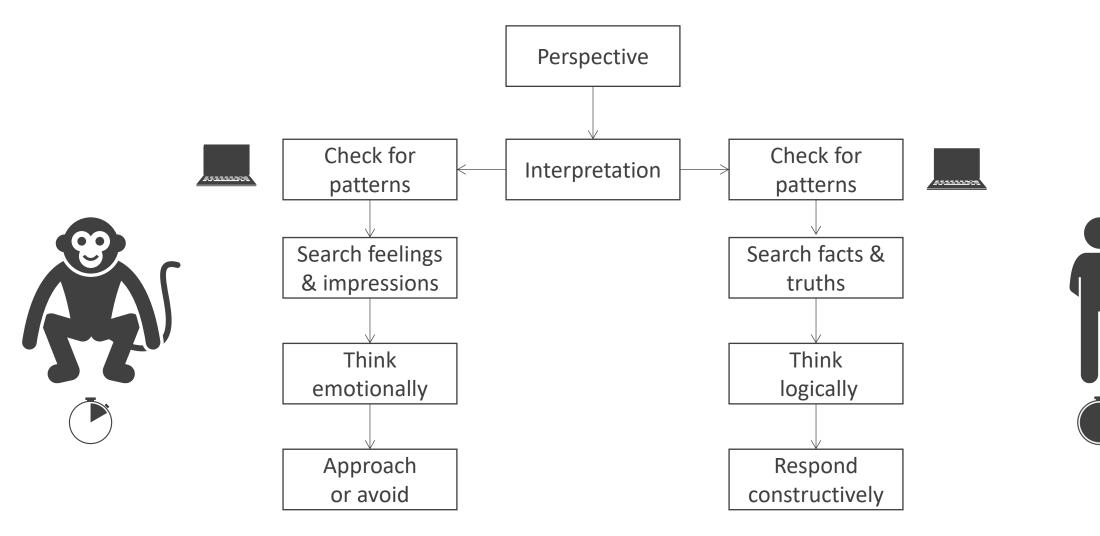






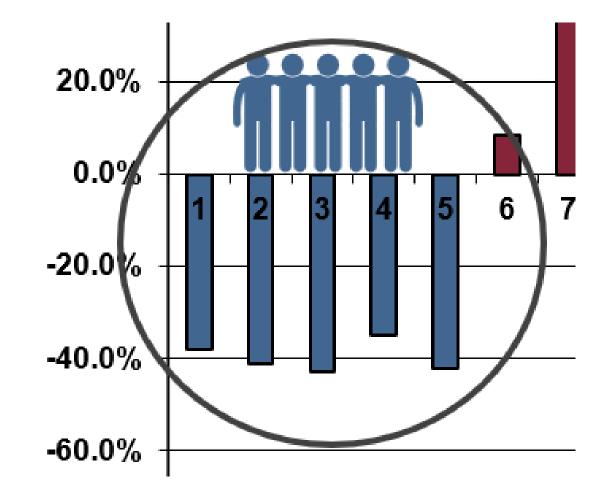


It's Always Chimp Before Human



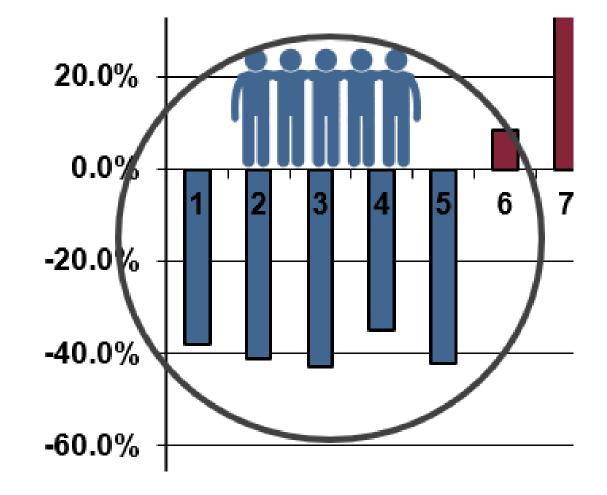
Common Outcomes: Extreme Negativity





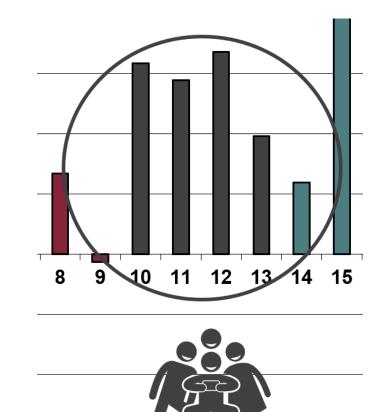
Failing to Surface All Information Because Our Chimps Suggest We Don't Engage





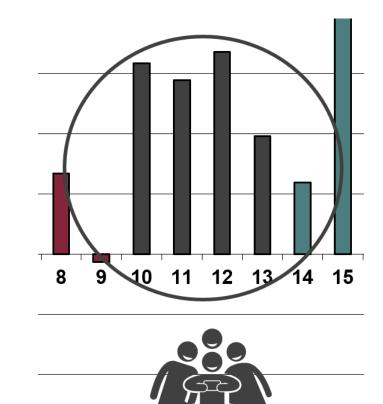
Common Outcomes: Extreme Positivity



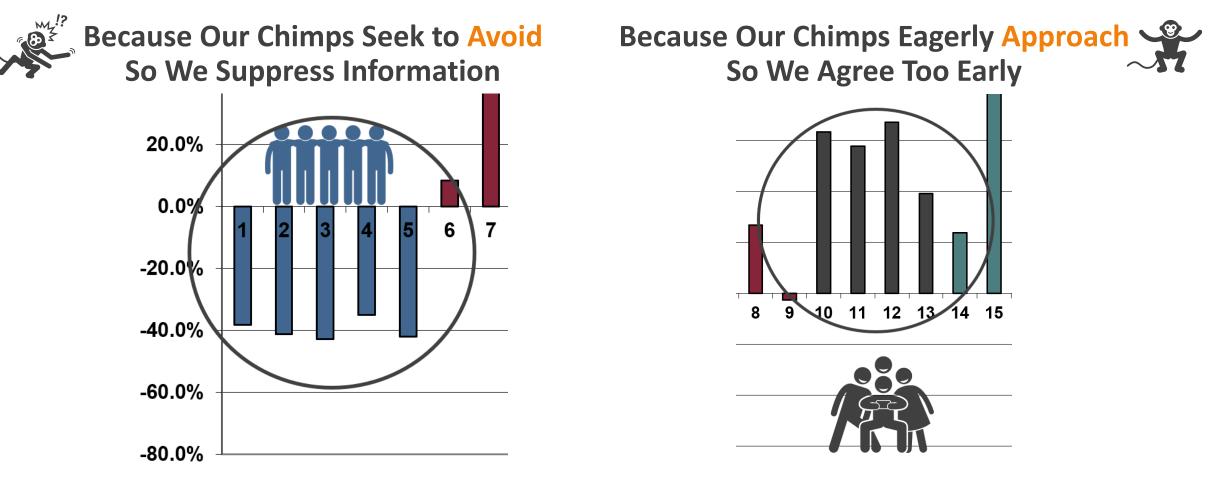


Failing to Surface All Information Because Our Chimps Agree Too Quickly





Conformity Effects Causing Us to Fail to Surface All Information





Your Return On Investment



10a. As a leader, to what extent do you enable colleagues to capture their private perspectives first, before engaging in a dialogue?



10b. As a leader, to what extent do you enable all perspectives to be shared before starting a dialogue?

It Ain't What You Don't Know That Gets You Into Trouble

It's what you know for sure that just ain't so



67

Break #1 (of 4 today)



Next session starting at

10:35

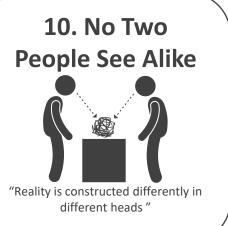




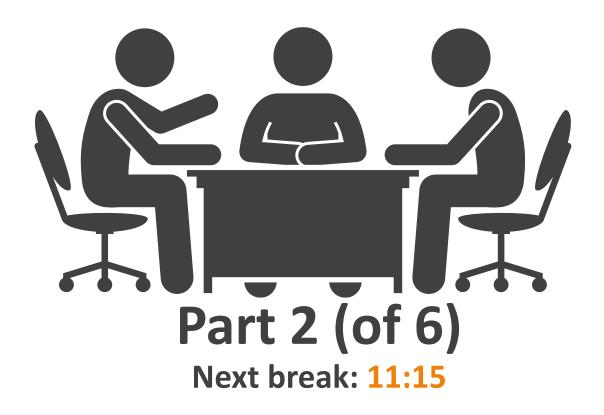
Summary of Universal Challenges & Tools #3: Wednesday Leading Teams in a Complex World



collectively decide what is true



ICMIF Advanced Management Course 2024 Foundations for Leading Effective Collaboration: Collective Intelligence







3 Steps to Collective Intelligence

1. Capture your private perspective

Independently judging what you perceive to be true



2. Take turns to share perspectives without interruption

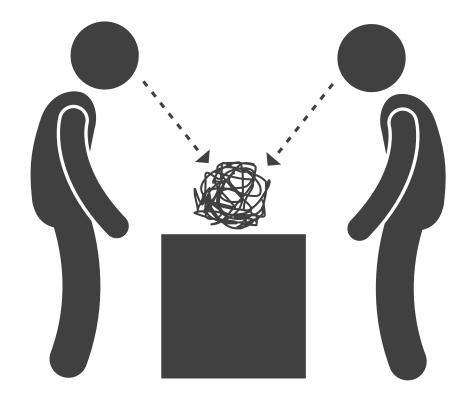
Sharing perspectives to surface all information



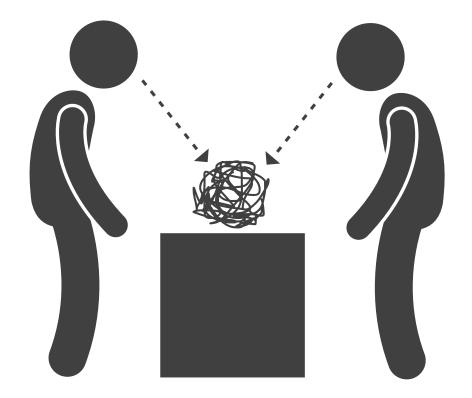
3.Engage in dialogue to synthesise what your combined perspectives mean

Collectively deciding what is probably true

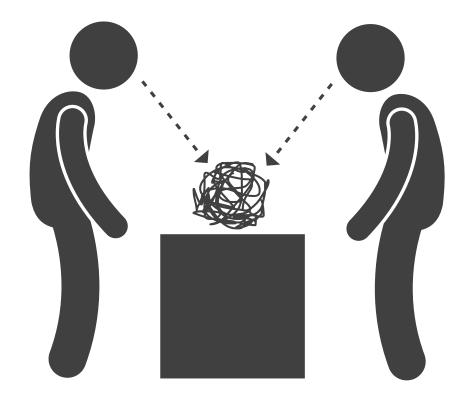
Complex Situations Require



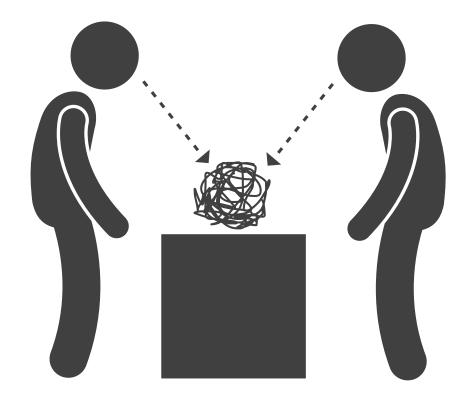
Complex Situations Require Multiple Independent Perspectives to be Shared



Complex Situations Require Multiple Independent Perspectives



Complex Situations Require Multiple Independent Perspectives to be Heard





Speakers: Talk For 1 Minute About A Passion



Listeners: Be Engrossed for 30 Seconds

"Go" Eng





"Change"

Completely disinterested







Speakers

How did you feel during the first 30 seconds?

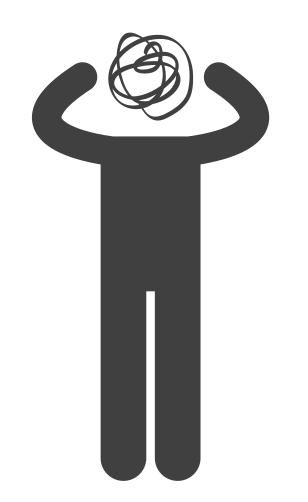
Articulate and Able to Collect Your Thoughts



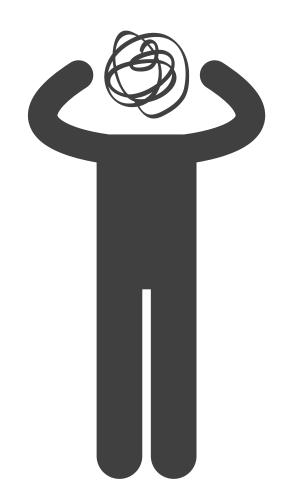


What happened when I said "change"?

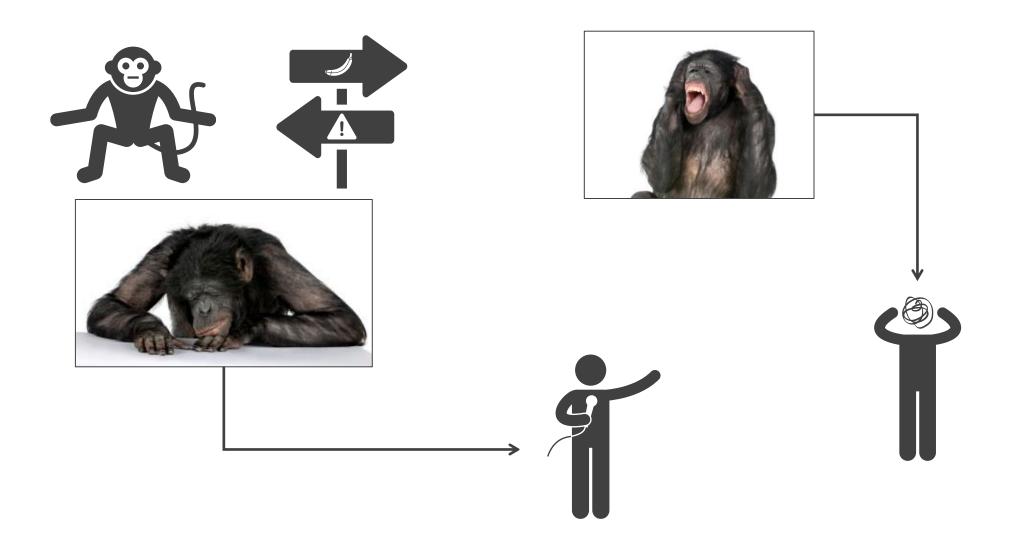
Inarticulate and Unable to Think



You May Have Lost the Capacity to Speak



What Just Happened?



Your Brain's Most Important Job Is Not Thinking

It's predicting energy needs before they arise



Lisa Feldman Barrett Northeastern University

Source: lisafeldmanbarrett.com

Your Brain's Most Important Job Is Not Thinking

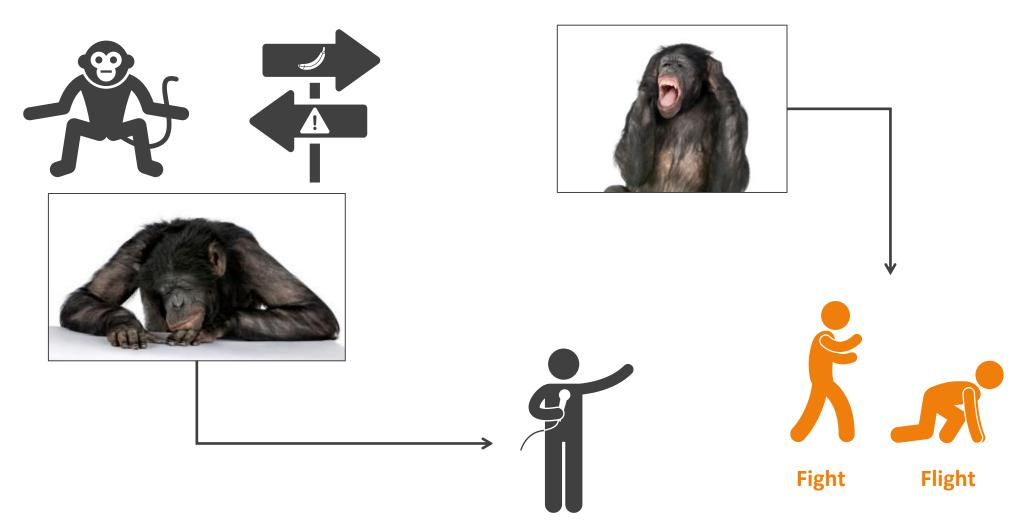
It's **predicting** energy needs before they arise so you can **efficiently** make worthwhile movements and survive



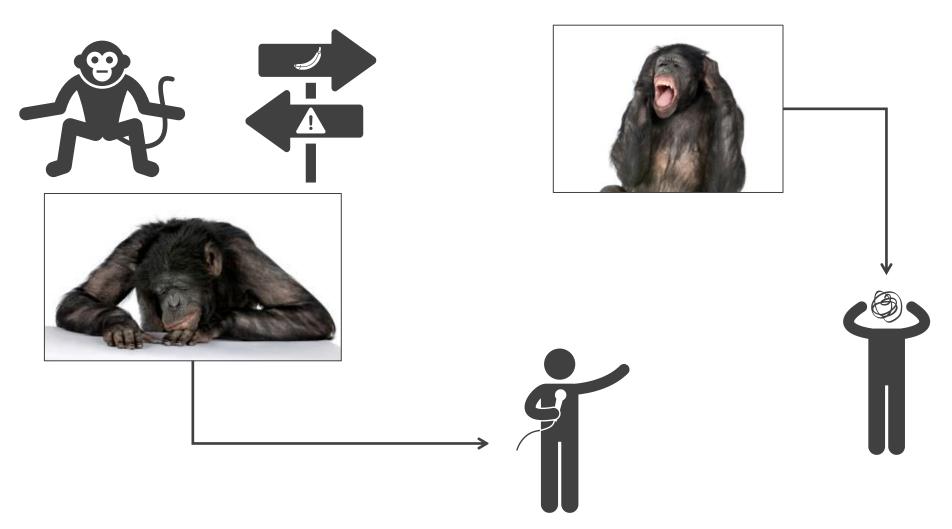
Lisa Feldman Barrett Northeastern University

Source: lisafeldmanbarrett.com

"Neural Alarm" Preparing For Fight or Flight

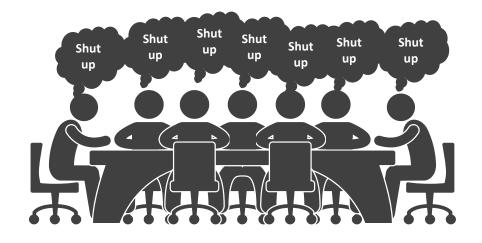


How We Listen Impacts How Effectively Colleagues Share Their Perspectives



There Are Two Broad Types of Listening

Listening to Respond



The listener's attention is mostly on: themselves Reduces collective intelligence

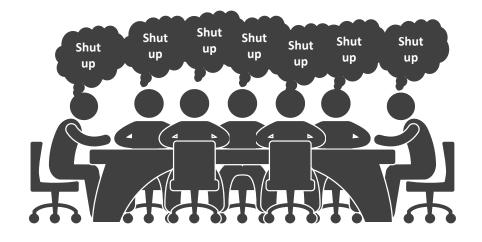
Listening to Understand



The listener's attention is mostly on: the speaker Supports collective intelligence

We Pay Attention

Listening to Respond



The listener's attention is mostly on: themselves Reduces collective intelligence

Listening to Understand



The listener's attention is mostly on: the speaker Supports collective intelligence

Two Three Types of Listening

A lot of the time we're listening for a purpose and mostly that purpose is hidden from us



Jennifer Garvey Berger Cultivating Leadership

Which Is Your Default Listening Style?



"Have you tried [my approach]"?

"Don't [be so sad]"

"Please help me to understand what led you to [draw that conclusion]"

In the Past, When Things Were Changing More Slowly and We Were Less Interconnected

We could rely on our **experience** to tell us what would **probably happen next**



Jennifer Garvey Berger Cultivating Leadership

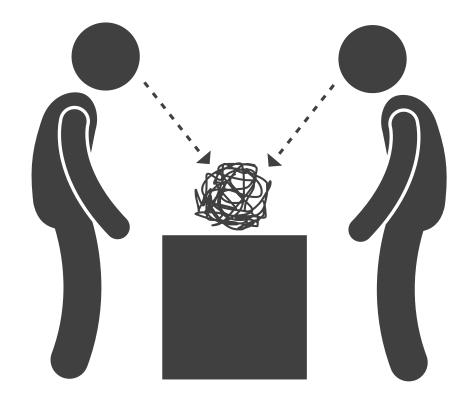
Most Important Challenges in a Complex World are Unique Events

So intelligent responses are inevitably judgements which reflect an interpretation of a particular situation



Sir John Kay and Lord Mervyn King Former Dean of Oxford Said Business School and former Governor of the Bank of England

Have You Ever Seen a Complex Situation Differently to Others?



We Each Look at the World

And believe we see the world as it is



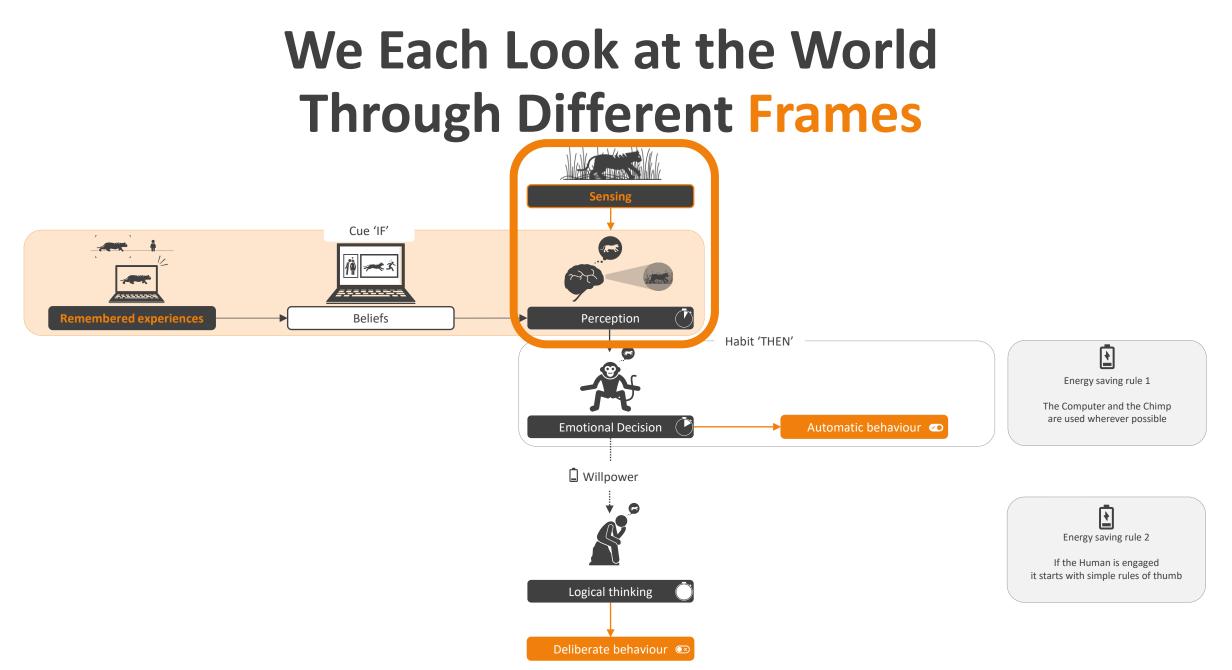
Jennifer Garvey Berger Cultivating Leadership

We Each Look at the World

In truth, we see the world as we are



Jennifer Garvey Berger Cultivating Leadership



Why Do So Many People Especially in Leadership Positions

Seem to believe that their role is to express a **unique**, **distinct**, even **original point of view** and, at the same time, find it troubling when **others don't agree with them**?



https://www.mckinsey.com/capabilities/strategy-and-corporate-finance/our-insights/sounding-the-alarm-on-system-noise#/

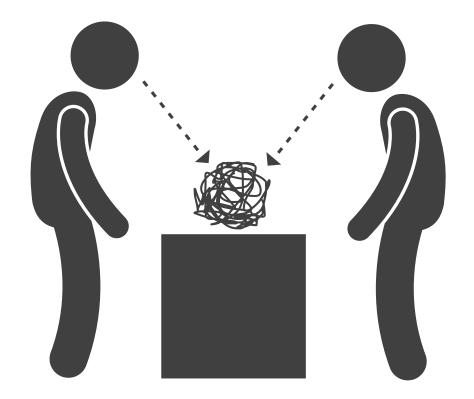
Because We Believe in What We See

We have a sense of our being right about most things most of the time



Jennifer Garvey Berger Cultivating Leadership

Is It Reasonable For Others to See A Complex Situation Differently to You?



When You Hear Yourself Saying I've Seen this Before and I know How it Goes

Remind yourself that if it's **complex** you haven't seen something like it before and you have **no idea where it goes**



Jennifer Garvey Berger Cultivating Leadership

Listening to Understand

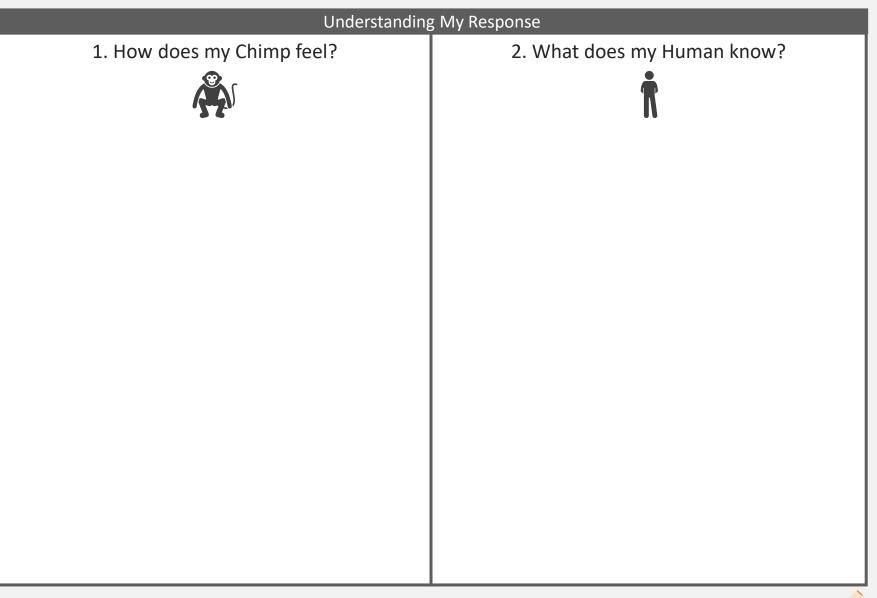
Be curious not judgemental



"Ted Lasso"

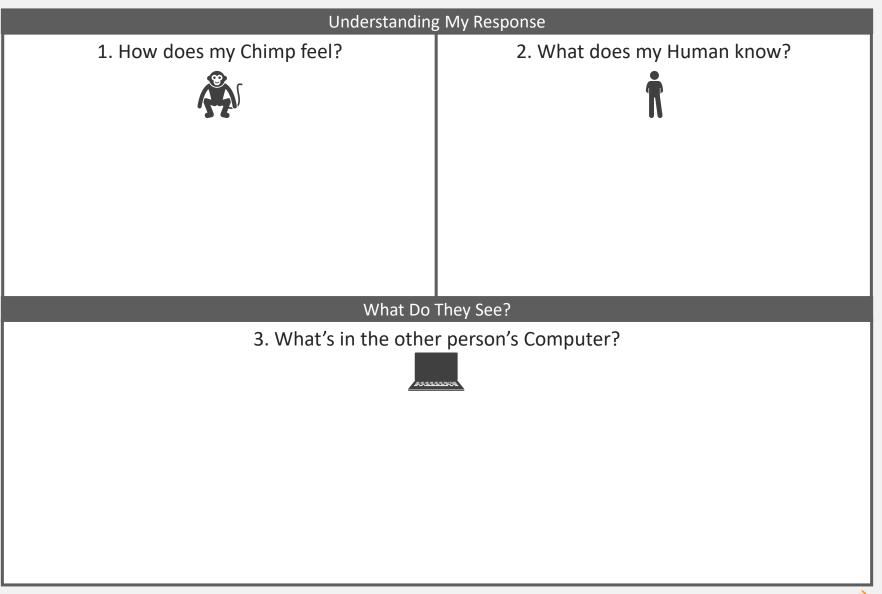
Listening to Understand

Situation:



Advanced Listening to Understand

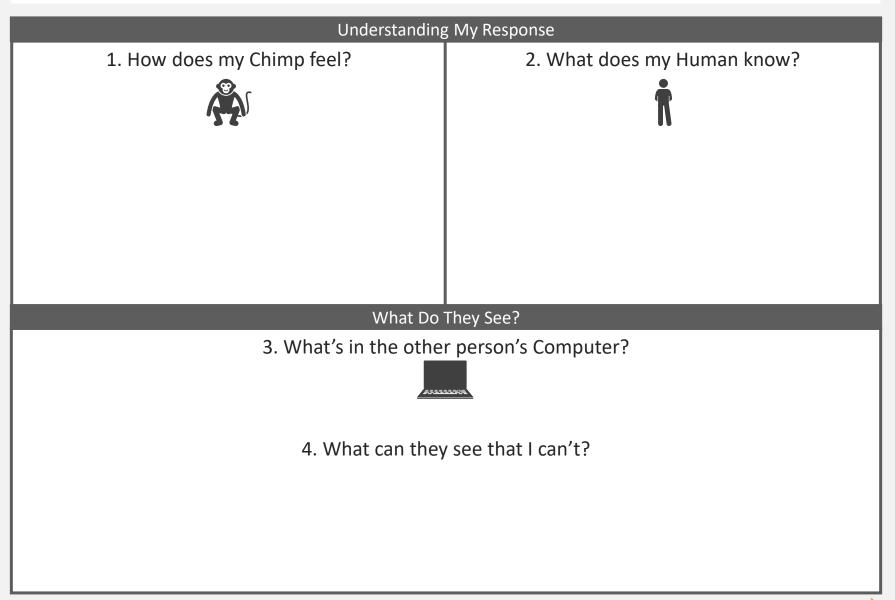
Situation:





Advanced Listening to Understand

Situation:





Context Triggers Habits

A. Meter in the hall

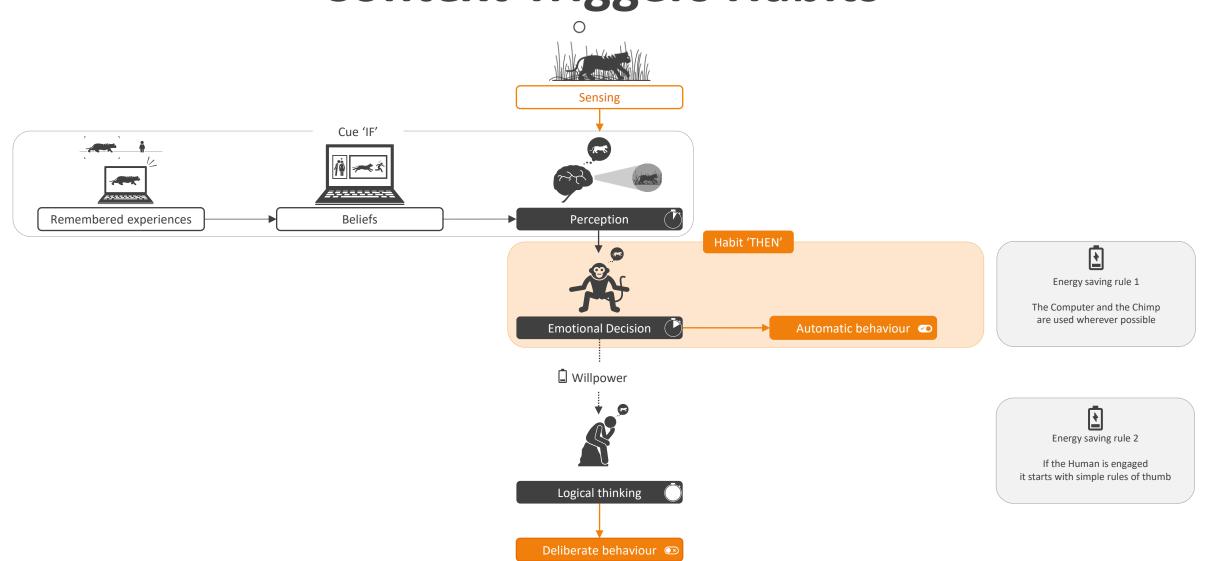


B. Meter in the basement

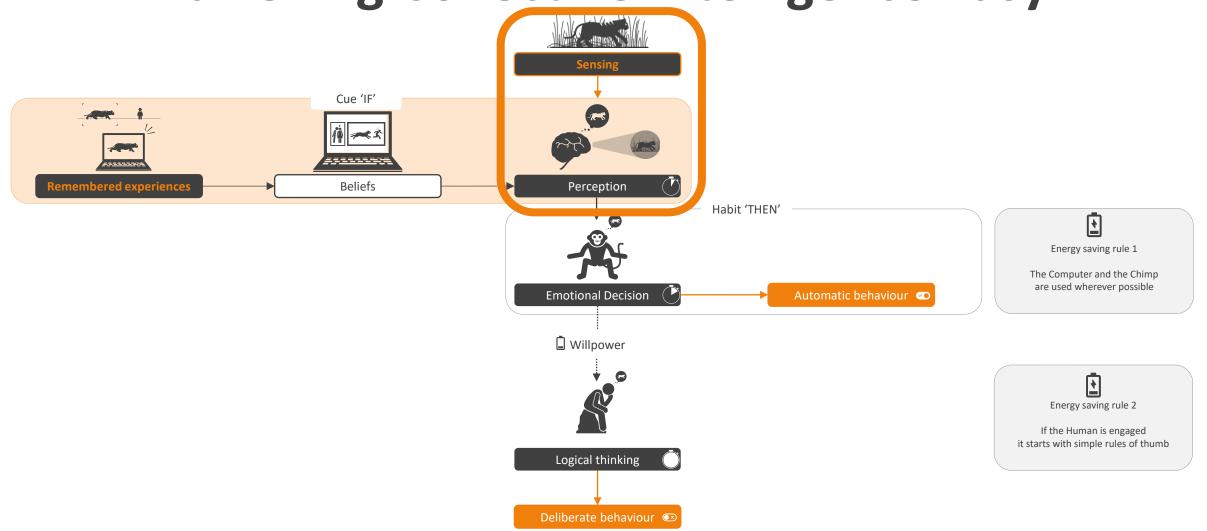


Context Triggers Habits Sensing Cue 'IF' -. Remembered experiences Beliefs Perception Habit 'THEN' Energy saving rule 1 The Computer and the Chimp are used wherever possible **Emotional Decision** Automatic behaviour 🥌 Uillpower Energy saving rule 2 If the Human is engaged it starts with simple rules of thumb Logical thinking Deliberate behaviour 💌

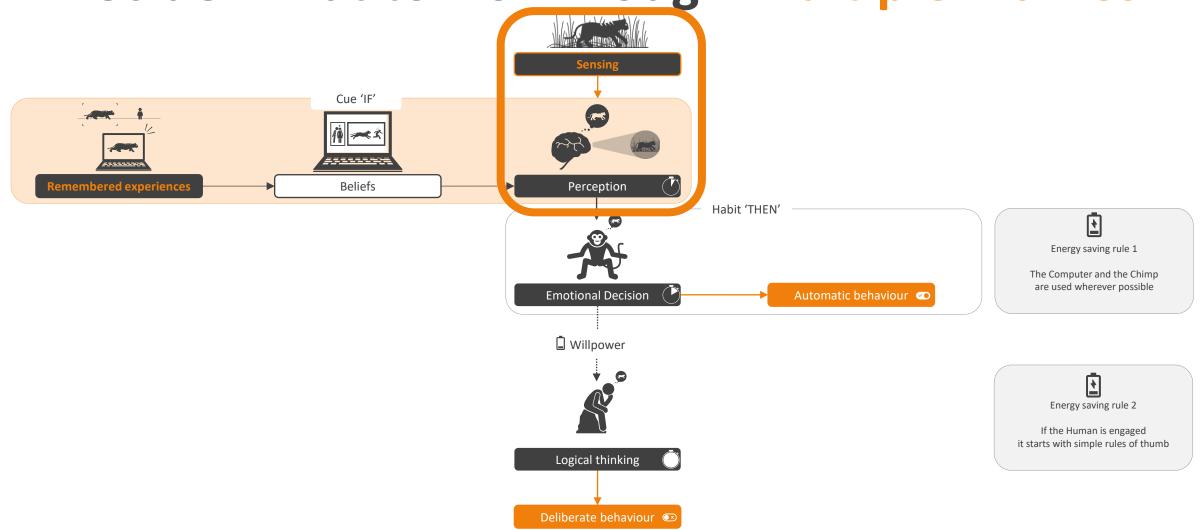
Context Triggers Habits



As a Leader, Create a Context That Makes Achieving Collective Intelligence Easy

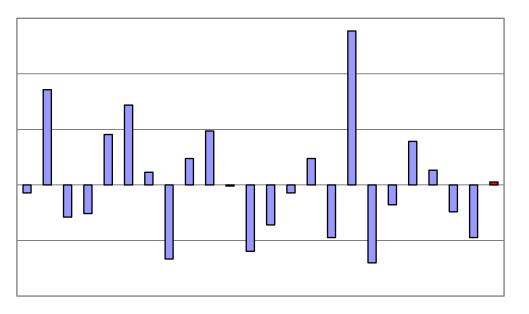


Create a Context To Judge What Is True and Decide What to Do Through Multiple Frames



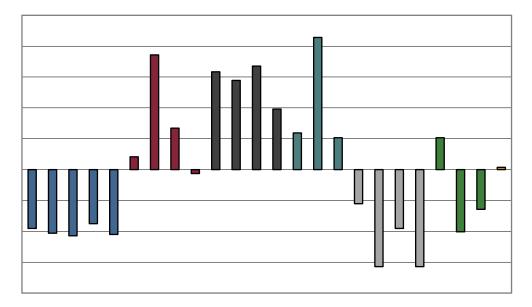
•. 1. Create A Context Where People Collect Their Private Perspectives First

Collective intelligence in action



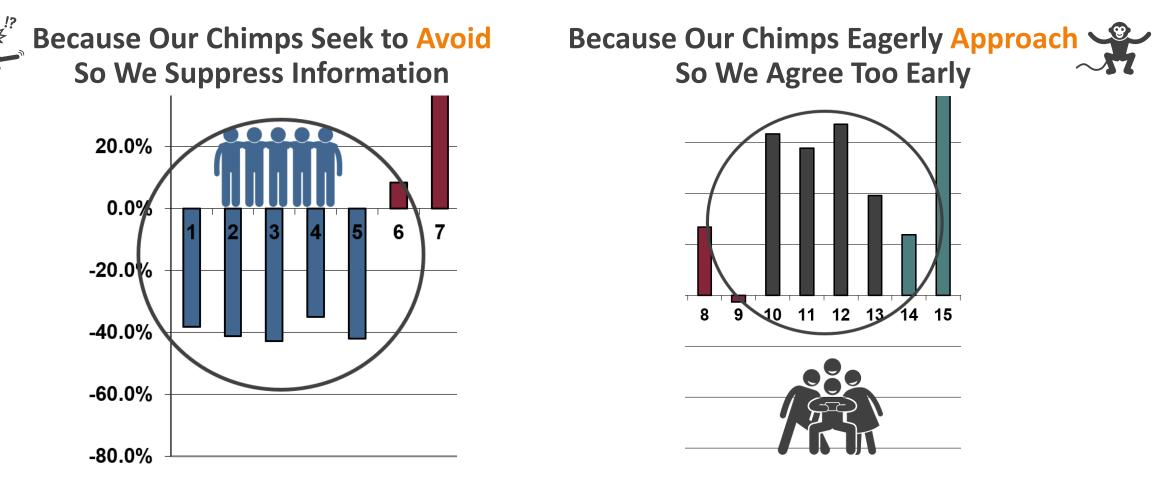
- One guess per person
- No conferring
- Independent judgements

Collective intelligence - biased

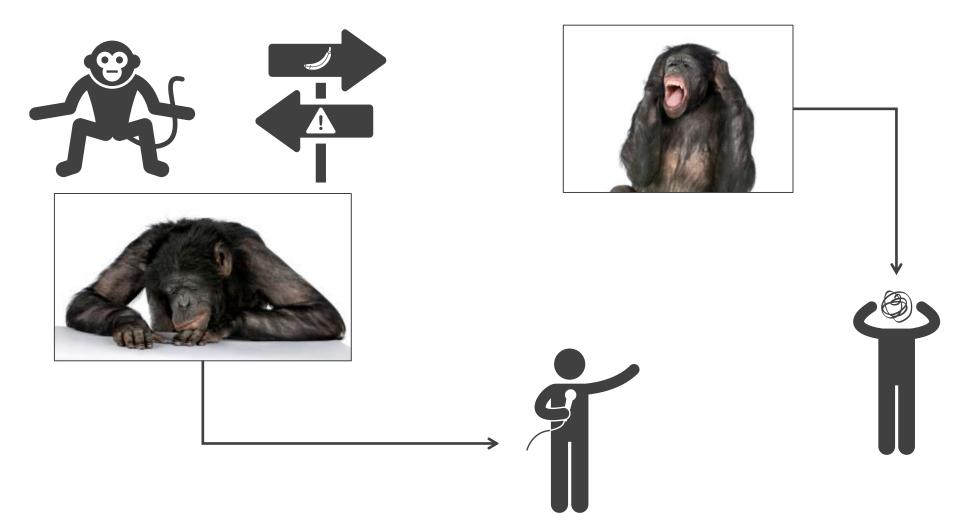


- One guess per person
- Discuss in groups
- *Biased* judgements

2. Create a Context Where All Perspectives Are Heard



3. Create a Context Where People Can Engage in Effective Dialogue



3 Steps to Collective Intelligence

1. Capture your private perspective

Independently judging what you perceive to be true



2. Take turns to share perspectives without interruption

Sharing perspectives to surface all information



3.Engage in dialogue to synthesise what your combined perspectives mean

Collectively deciding what is probably true

Key Tool: Healthy Conversations

Because we do not perceive reality

- 1. Capture your private perspective
- 2. Share perspectives without interruption f
 - Ask 'what do you see?'
 - Seek to understand
 - Show you understand
- Engage in dialogue to synthesise what your spectives mean





A Healthy Conversation Framework That is Chimp-Friendly

- 1. Capture your private perspective
- 2. Share perspectives without interruption f
 - > Ask 'what do you see?'
 - Seek to understand
 - Show you understand
- 3. Engage in dialogue to synthesise what your is combined perspectives mean









Your Return On Investment



1. Capture your private perspective

i 2. Share perspectives without interruption

- > Ask 'what do you see?'
- Seek to understand
- Show you understand
- 3. Engage in dialogue to synthesise what your combined perspectives mean

11. Where in your work would the healthy conversation framework help you to harness the 3 steps to collective intelligence?

Thoughtful Disagreement

In thoughtful disagreement, your goal is **not to convince the other party** that you are right—it is to **find out which view is true** and **decide what to do about it**



Ray Dalio Bridgewater Associates LLP

When Collective Intelligence is Working...

Truncated Thinking









Open Exploration



black	grey	shadow	graphite	iron	white
midnight	pewter	cloud	silver	smoke	ivory
grease	slate	anchor	ash	porpoise	chiffon
sable	dove	fog	flint	charcoal	linen
obsidian	pebble	lead	coin	fossil	frost

Open Exploration



Truncated Thinking

Optional Remote Collaboration Reference

Collaboration

Helping others is a priority, even when it is not immediately related to the goals that you are trying to achieve. Similarly, you can rely on others for help and advice—in fact, you're expected to do so. Anyone can chime in on any subject, including people who don't work at GitLab. The person who's responsible for the work decides how to do it, but they should always take each suggestion seriously and try to respond and explain why it may or may not have been implemented.

Kindness

We value caring for others. Demonstrating we care for people provides an effective framework for challenging directly and delivering feedback. We disagree with companies that say <u>Evaluate People Accurately</u>. Not <u>"Kindly"</u>. We're all for accurate assessment, but we think it must be done in a kind way. Give as much positive feedback as you can, and do it in a public way.

Share

There are aspects of GitLab culture, such as intentional transparency, that are unintuitive to outsiders and new team members. Be willing to invest in people and engage in open dialogue. For example, consider making private issues public wherever possible so that we can all learn from the experience. Don't be afraid of judgement or scrutiny when sharing publicly, we all understand it's impossible to know everything.

Everyone can **remind** anyone in the company about our values. If there is a disagreement about the interpretations, the discussion can be escalated to more people within the company without repercussions.

Share problems you run into, ask for help, be forthcoming with information and speak up.

Negative feedback is 1-1

Give negative feedback in the smallest setting possible. One-on-one video calls are preferred. If you are unhappy with anything (your duties, your colleague, your boss, your salary, your location, your computer), please let your boss, or the CEO, know as soon as you realize it. We want to solve problems while they are **small**.

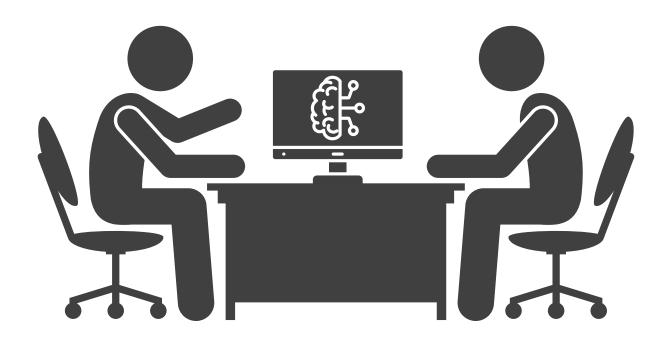
Negative *feedback* is distinct from negativity and disagreement. If there is no direct feedback involved, strive to discuss disagreement in a <u>public channel</u>, respectfully and <u>transparently</u>.

In a GitLab Unfiltered interview on values, GitLab co-founder and CEO Sid Sijbrandij offers the following context.

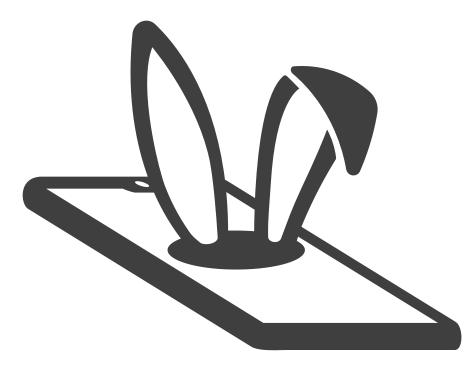
We deal with negative all the time at GitLab. If it's not a problem, then why are we discussing it? We deal with negativity a lot, and that's also part of our ambition.

If you want to get better, you talk about what you can improve. We're allowed to publicly discuss negative things; we're not allowed to give negative feedback in a large setting if it could be feasibly administered in a smaller setting.

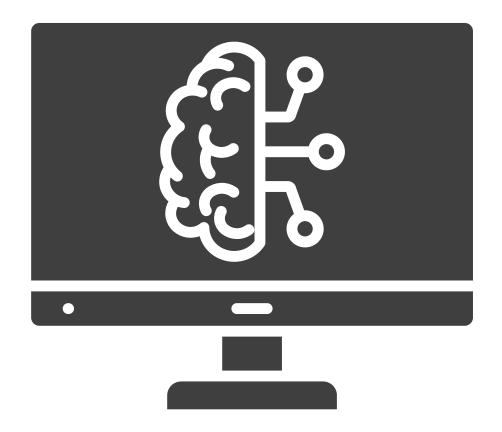
Preliminary Observations: Maintaining Collective Intelligence When Using AI

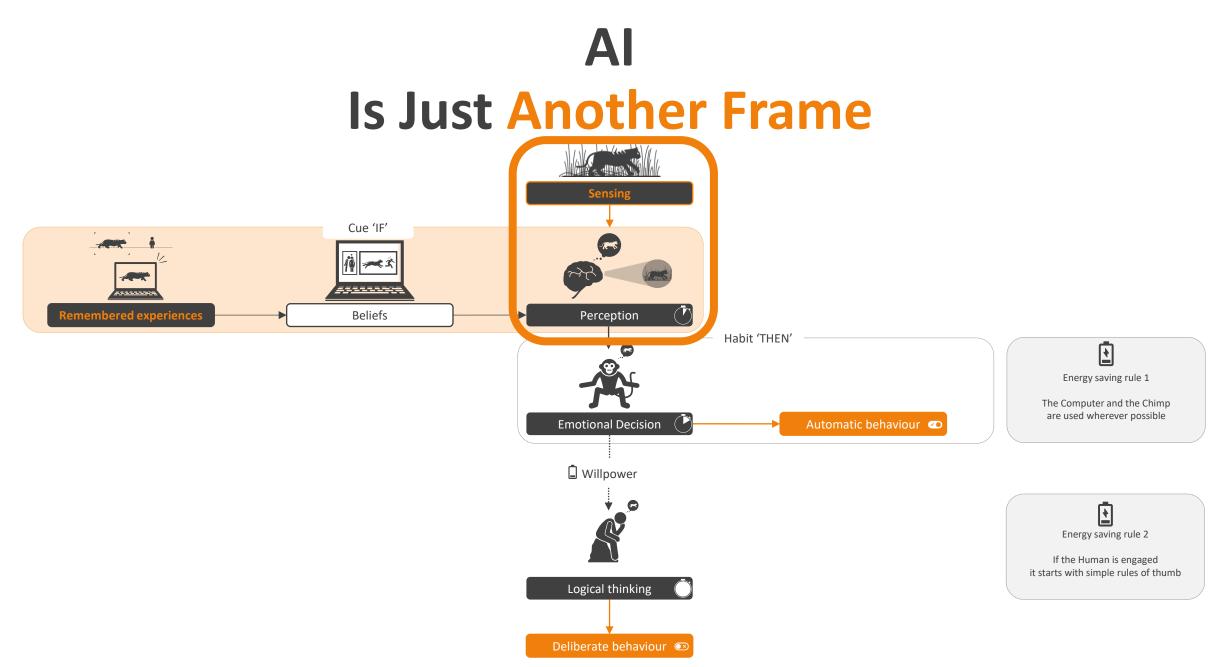


Warning: Potential Rabbit Hole

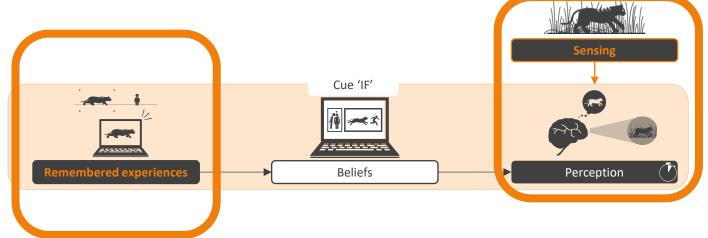


AI Is Just Another Frame

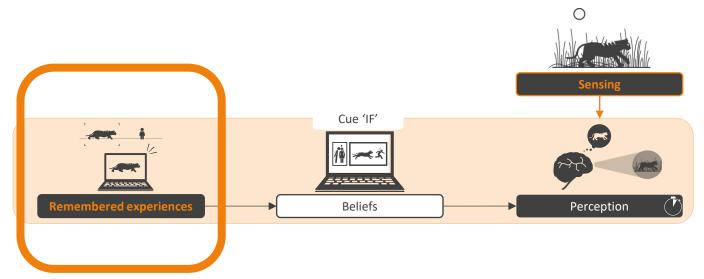




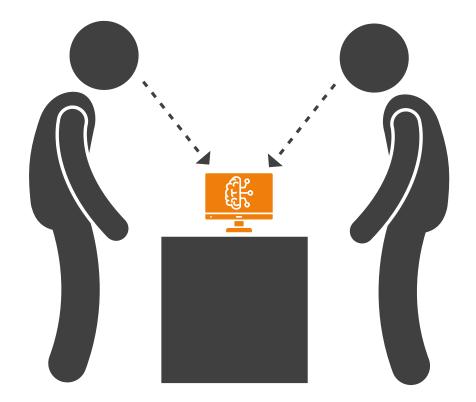
Al is Based on its Training Data and so is Vulnerable to Mistakes and Hallucinations



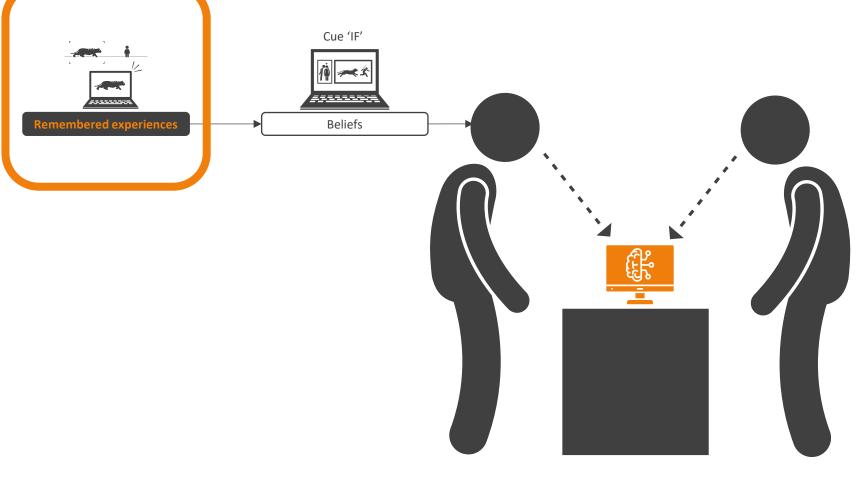
Nor Is It (Natively) Purpose-Driven



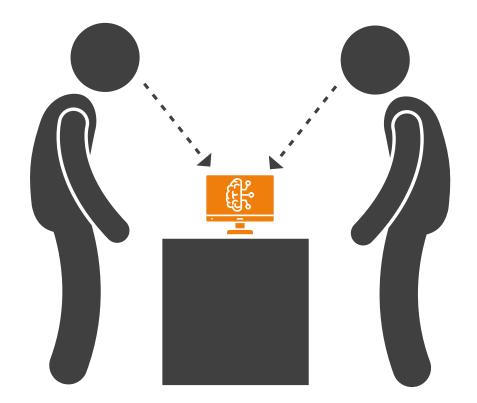
No Two People Construct the Same Complex AI Conversation the Same Way



A Complex AI Conversation Is A Frame



So Invite Multiple People to Independently Have AI Conversations ... Then Combine Them



3 Steps to Collective Intelligence While Harnessing AI

1. Capture your private perspective

Independently judging what you perceive to be true



Consult AI after collecting your own perspective, but before hearing others'



2. Take turns to share perspectives without interruption

Sharing perspectives to surface all information

Consult AI after all perspectives have been shared to surface more information to refine your diagnosis Consult AI after all perspectives have been shared to obtain base rate data (reference class forecasting)



3.Engage in dialogue to synthesise what your combined perspectives mean

Collectively deciding what is probably true



Consult AI after all perspectives have been shared to **generate options** Consult AI after all perspectives have been shared to **obtain base rate data (reference class forecasting)**

Break #2 (of 4 today)



Next session starting at

11:35



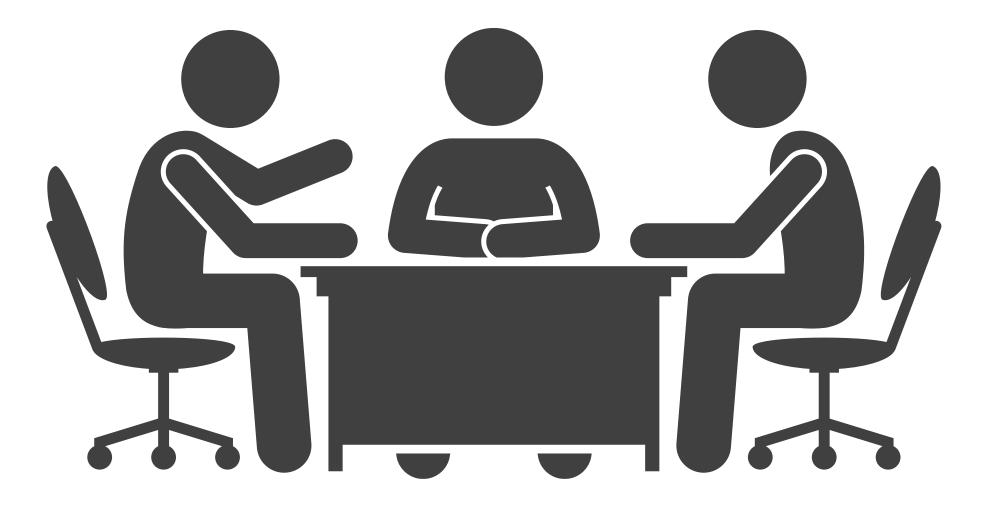


133

Summary of Universal Challenges & Tools #3: Wednesday Leading Teams in a Complex World



What Drives the Performance of Teams?



Which Team's Patients Were Safer?

Team A More Reported Errors

Team B Fewer Reported Errors



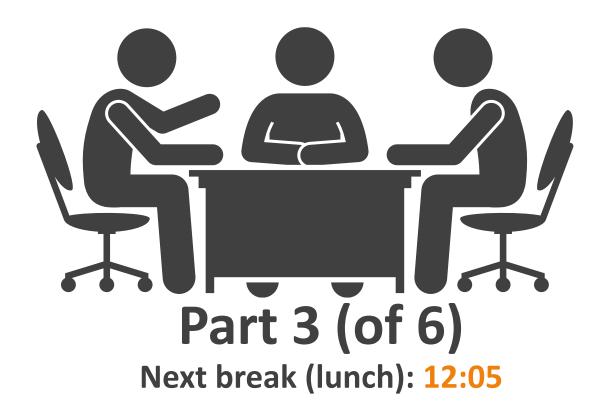
Better Teams Talked Openly About Errors

Team A More Reported Errors

Team B Fewer Reported Errors



ICMIF Advanced Management Course 2024 Foundations for Leading Effective Collaboration: Psychological Safety

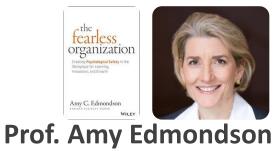




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For Knowledge Work to Flourish

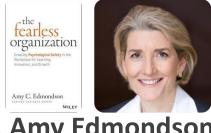
The workplace must be one where **people feel able to share** their knowledge



Harvard Business School

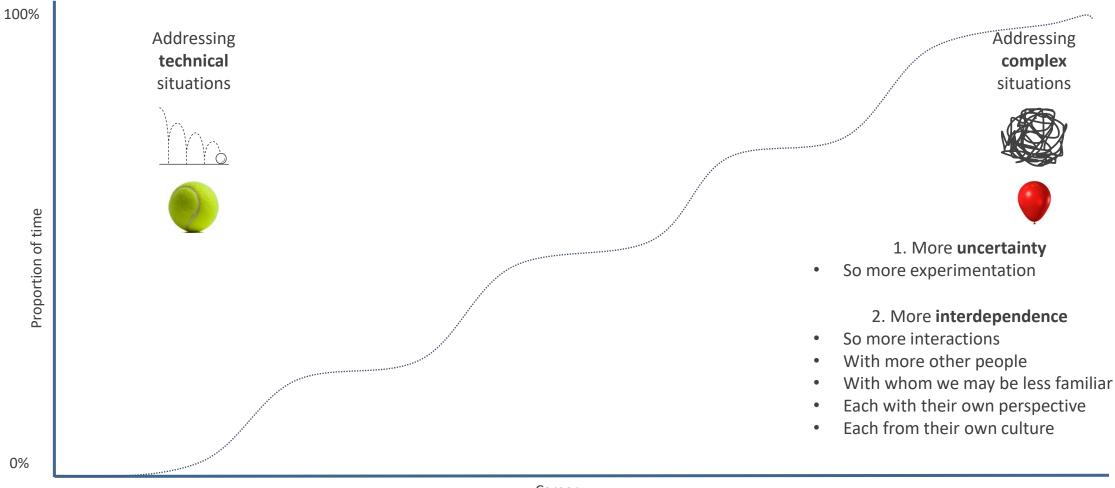
No One Wakes Up in the Morning Excited to go to Work and ...

... look ignorant, incompetent, or disruptive... These are called **interpersonal risks**, and they are what nearly everyone seeks to avoid



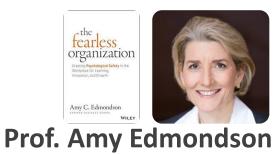
Prof. Amy Edmondson Harvard Business School

Interdependent Work Requires Communication Increasing the Need For Interpersonal Risk



Psychological Safety

The **belief** that the work environment is **safe for interpersonal risk taking**



Harvard Business School

Psychological Safety Leads Chimps to Want to Achieve Collective Intelligence

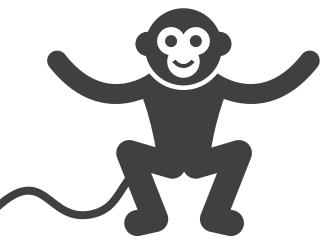
Google's Project Aristotle researchers concluded, 'psychological safety was far and away the most important of the five dynamics we found.'

The New York Times Magazine

Charles Duhigg, 28th February 2016



New research reveals surprising truths about why some work groups thrive and others falter.



https://www.nytimes.com/2016/02/28/magazine/what-google-learned-from-its-quest-to-build-the-perfect-team.html

Key Tool: Harness Collective Intelligence

Because we do not perceive reality and people constantly manage interpersonal risk at work ...

Direct the Human to apply the 3 Steps to Collective Intelligence



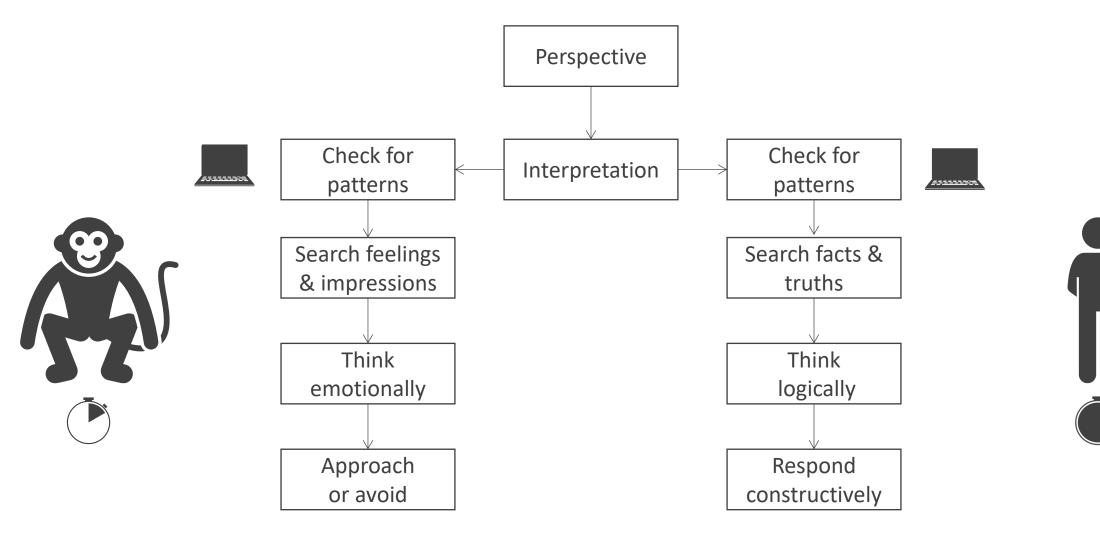
Capture your private perspective

Take turns to share perspectives without interruption

Engage in dialogue to synthesise what your combined perspectives mean

To independently **judge** what you perceive to be **true**, share perspectives to surface **all information** and collectively **decide** what is probably true

It's Always Chimp Before Human



Key Tool: Harness Collective Intelligence

Because we do not perceive reality and people constantly manage interpersonal risk at work ...

Establish norms that lead the Chimp to feel psychological safety



Role model inviting participation

Direct the Human to apply the 3 Steps to Collective Intelligence



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An Example of Inviting Participation

You have my permission to say what you want You have my protection you will not be in my black book





Key Tool: Harness Collective Intelligence

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Role model inviting participation

Demonstrate humility

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The Most Significant Step a Leader Can Take to Set a Tone of Safety and Honesty

Is by admitting their own mistakes first Their humility will lead others to do the same



Demonstrate Humility

Every time I walk in the locker room for the first time I tell my players:

- "I'm Doc Rivers"
- "l'm human"

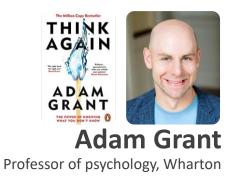
"And I'm going to make mistakes"



Doc Rivers NBA Coach

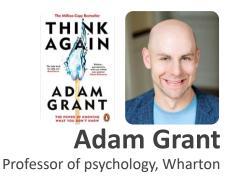
#2 Define Your Identity in Terms of Values

Not opinions



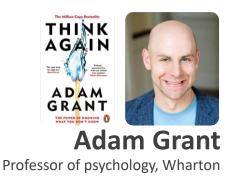
It's Easier to Avoid Getting Stuck to Your Past Beliefs

If you don't become attached to them as part of your self-identity



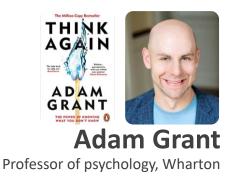
See Yourself as Someone Who Values

Curiosity, learning, mental flexibility, and searching for knowledge



As You Form Opinions

Keep a list of **factors** that would **change your mind**



Key Tool: Harness Collective Intelligence

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Role model inviting participation

Demonstrate humility

Listen to understand

Direct the Human to apply the 3 Steps to Collective Intelligence



Capture your private perspective



Take turns to share perspectives without interruption



Engage in dialogue to synthesise what your combined perspectives mean

To independently **judge** what you perceive to be **true**, share perspectives to surface **all information** and collectively **decide** what is probably true

Listening to Understand

Be curious not judgemental



"Ted Lasso"

Protocols for Balancing Inquiry & Advocacy

Protocols for Balancing Inquiry and Advocacy

1 Protocols for Improved Advocacy

1.1 Make your thinking process visible

What to say
"Here's what I think, and here's how I got there."
"I assumed that"
"I came to this conclusion because"
"To get a clear picture of what I'm talking about, imagine that you're the customer who will be affected"

1.2 Publicly test your conclusions and assumptions

What to do	What to say
Encourage others to explore your model, your assumptions, and your data.	"What do you think about what I just said?" or "Do you see any flaws in my reasoning?" or "What can you add?"
Refrain from defensiveness when your ideas are questioned. If you're advocating something worthwhile, then it will only get stronger by being tested.	
Reveal where you are least clear in your thinking. Rather than making you vulnerable, it defuses the force of advocates who are opposed to you, and invites improvement.	"Here's one aspect which you might help me think through"
Even when advocating: listen, stay open, and encourage others to provide different views.	"Do you see it differently?"

Protocols for Balancing Inquiry and Advocacy - page 1 of 4

2 Protocols for Improved Inquiry

2.1 Ask others to make their thinking process visible

What to do	What to say
Gently explore others' assumptions and find out what data they are operating from.	"What leads you to conclude that?" "What data do you have for that?" "What causes you to say that?"
Use language that is not aggressive, particularly with people who are not familiar with these skills. Ask in a way which does not provoke defensiveness or "lead the witness."	Instead of "What do you mean?" or "What's your proof?" say, "Can you help me understand your thinking here?"
Draw out their reasoning. Find out as much as you can about why they are saying what they're saying.	"What is the significance of that?" "How does this relate to your other concerns?" "Where does your reasoning go next?"
Explain your reasons for inquiring, and how your inquiry relates to your own concerns, hopes, and needs.	"I'm asking you about your assumptions here because"

2.2 Compare your assumptions to theirs

What to do	What to say
Test what they say by asking for broader contexts, or for examples.	"How would your proposal affect ?" "Is this similar to ?" "Can you describe a typical example?"
Check your understanding of what they have said.	"Am I correct that you're saying?"
Listen for the new understanding that may emerge. Don't concentrate on preparing to destroy the other person's argument or promote your own agenda.	

Protocols for Balancing Inquiry and Advocacy - page 2 of 4

Protocols for Balancing Inquiry & Advocacy

Protocols for Balancing Inquiry and Advocacy

1 Protocols for Improved Advocacy

1.1 Make your thinking process visible

What to do	What to say
State your assumptions, and describe the data that led to them.	"Here's what I think, and here's how I got there."
Explain your assumptions.	"I assumed that"
Make your reasoning explicit.	"I came to this conclusion because"
Explain the context of your point of view: who will be affected by what you propose, how they will be affected, and why.	
Give examples of what you propose, even if they're hypothetical or metaphorical.	"To get a clear picture of what I'm talking about, imagine that you're the customer who will be affected"
As you speak, try to picture the other people's perspectives on what you are saying.	

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Protocols for Balancing Inquiry and Advocacy - page 1 of 4

Optional Making It Easier to be Curious Not Judgemental Reference

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Protocols for Balancing Inquiry and Advocacy - page 1 of 4

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Protocols for Balancing Inquiry and Advocacy - page 2 of 4

Key Tool: Harness Collective Intelligence

Because we do not perceive reality and people constantly manage interpersonal risk at work ...

Establish norms that lead the Chimp to feel psychological safety



Role model inviting participation

Demonstrate humility

Listen to understand

So people feel psychologically safe to take interpersonal risks and confident to share concerns & ideas



Direct the Human to apply the **3 Steps to Collective Intelligence**



Capture your private perspective



Take turns to share perspectives without interruption



Engage in dialogue to synthesise what your combined perspectives mean

To independently judge what you perceive to be true, share perspectives to surface all information and collectively decide what is probably true



Your Return On Investment



"Psychological safety is the belief that the work environment is safe for interpersonal risk taking."



12. What could you do to enable Chimps to feel psychological safety where you work?

Optional Psychological Safety Reference

The researchers found that what really mattered was less about who is on the team, and more about how the team worked together. In order of importance:

- Psychological safety: Psychological safety refers to an individual's perception of the consequences of taking an interpersonal risk or a belief that a team is safe for risk taking in the face of being seen as ignorant, incompetent, negative, or disruptive. In a team with high psychological safety, teammates feel safe to take risks around their team members. They feel confident that no one on the team will embarrass or punish anyone else for admitting a mistake, asking a question, or offering a new idea.
- Dependability: On dependable teams, members reliably complete quality work on time (vs the opposite shirking responsibilities).
- Structure and clarity: An individual's understanding of job expectations, the process for fulfilling these expectations, and the consequences of one's performance are important for team effectiveness. Goals can be set at the individual or group level, and must be specific, challenging, and attainable. Google often uses Objectives and Key Results (OKRs) to help set and communicate short and long term goals.
- **Meaning:** Finding a sense of purpose in either the work itself or the output is important for team effectiveness. The meaning of work is personal and can vary: financial security, supporting family, helping the team succeed, or self-expression for each individual, for example.
- Impact: The results of one's work, the subjective judgement that your work is making a difference, is important for teams. Seeing that one's work is contributing to the organization's goals can help reveal impact.

Our Human Instincts Shaped for A Simple World

Fundamentally mislead us in a complex, unpredictable world



In the Past, When Things Were Changing More Slowly and We Were Less Interconnected

We could rely on our **experience** to tell us what would **probably happen next**



The Fact that Our Reflexes Lead Us Astray in Complex and Uncertain Times

Doesn't seem to make us less likely to use them



Perhaps the Trickiest Thing About these Mindtraps

Is the way they combine to mislead us about the fact that we're in traps at all



What is the Most Important Shift I Need to Make

If I am going to lead well in complexity?



The Complexity of the World Requires that We Understand the Greys

That we resist black-and-white solutions



The Complexity of the World Requires that We Understand the Greys

That we ask different questions about unexpected and tangential options



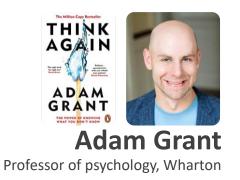
But Alas It Goes Against our Nature

To take another person's perspective or to see a system in action



Rethinking Is a Skillset

But it's also a mindset



Optional Making It Easier to Rethink Reference

Excerpt from Think Again by Adam Grant

Actions for Impact

"If you're interested in working on your rethinking skills, here are my top thirty practical takeaways.

1 INDIVIDUAL RETHINKING

A. Develop the Habit of Thinking Again

1. Think like a scientist.

When you start forming an opinion, resist the temptation to preach, prosecute, or politick. Treat your emerging view as a hunch or a hypothesis and test it with data. Like the entrepreneurs who learned to approach their business strategies as experiments, you'll maintain the agility to pivot.

2. Define your identity in terms of values, not opinions.

It's easier to avoid getting stuck to your past beliefs if you don't become attached to them as part of your present self-concept. See yourself as someone who values curiosity, learning, mental flexibility, and searching for knowledge. As you form opinions, keep a list of factors that would change your mind.

3. Seek out information that goes against your views.

You can fight confirmation bias, burst filter bubbles, and escape echo chambers by actively engaging with ideas that challenge your assumptions. An easy place to start is to follow people who make you think—even if you usually disagree with what they think.

B. Calibrate Your Confidence

4. Beware of getting stranded at the summit of Mount Stupid.

Don't confuse confidence with competence. The Dunning-Kruger effect is a good reminder that the better you think you are, the greater the risk that you're overestimating yourself—and the greater the odds that you'll stop improving. To prevent overconfidence in your knowledge, reflect on how well you can explain a given subject.

5. Harness the benefits of doubt.

When you find yourself doubting your ability, reframe the situation as an opportunity for growth. You can have confidence in your capacity to learn while questioning your current solution to a problem. Knowing what you don't know is often the first step toward developing expertise.

6. Embrace the joy of being wrong.

When you find out you've made a mistake, take it as a sign that you've just discovered something new. Don't be afraid to laugh at yourself. It helps you focus less on proving yourself—and more on improving yourself.

Excerpt from Think Again by Adam Grant: Actions for Impact - page 1 of 5

C. Invite Others to Question Your Thinking

7. Learn something new from each person you meet.

Everyone knows more than you about something. Ask people what they've been rethinking lately, or start a conversation about times you've changed your mind in the past year.

8. Build a challenge network, not just a support network.

It's helpful to have cheerleaders encouraging you, but you also need critics to challenge you. Who are your most thoughful critics? Once you've identified them, invite them to question your thinking. To make sure they know you're open to dissenting views, tell them why you respect their pushback—and where they usually add the most value.

9. Don't shy away from constructive conflict.

Disagreements don't have to be disagreeable. Although relationship conflict is usually counterproductive, task conflict can help you think again. Try framing disagreement as a debate: people are more likely to approach it intellectually and less likely to take it personally.

2 INTERPERSONAL RETHINKING

A. Ask Better Questions

10. Practice the art of persuasive listening.

When we're trying to open other people's minds, we can frequently accomplish more by listening than by taiking. How can you show an interest in helping people crystallize their own views and uncover their own reasons for change? A good way to start is to increase your question-to-statement ratio.

11. Question how rather than why.

When people describe why they hold extreme views, they often intensify their commitment and double down. When they try to explain how they would make their views a reality, they often realize the limits of their understanding and start to temper some of their opinions.

12. Ask "What evidence would change your mind?"

You can't bully someone into agreeing with you. It's often more effective to inquire about what would open their minds, and then see if you can convince them on their own terms.

13. Ask how people originally formed an opinion.

Many of our opinions, like our stereotypes, are arbitrary; we've developed them without rigorous data or deep reflection. To help people <u>reevaluate</u>, prompt them to consider how they'd believe different things if they'd been born at a different time or in a different place.

Excerpt from Think Again by Adam Grant: Actions for Impact - page 2 of 5

Lunch

Wednesday afternoon groups

Group 1

Andreas Gärtner

Helle Sand

Jana Vanderlinden

Ryan Dale Maquidato

Group 2

Cindy Nestman

Franziska Rummel

Jens Smids

Justin Pursaga

Kenneth Wolstrup

Next session starting at 12:50

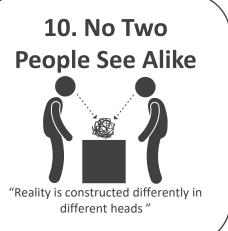


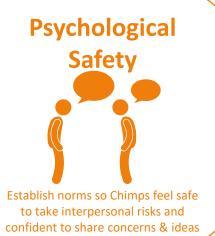
173

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Summary of Universal Challenges & Tools #3: Wednesday Leading Teams in a Complex World









ICMIF Advanced Management Course 2024 Tools for Leading Eternal Renewal: the Strategic Framework







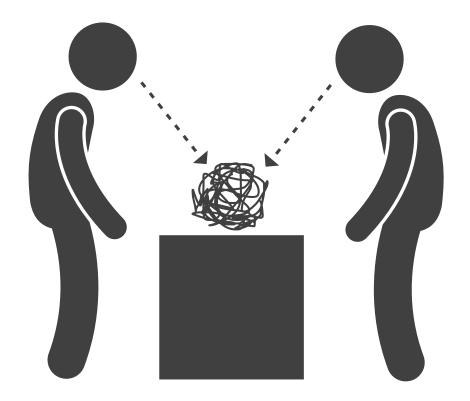
Strategy Framework



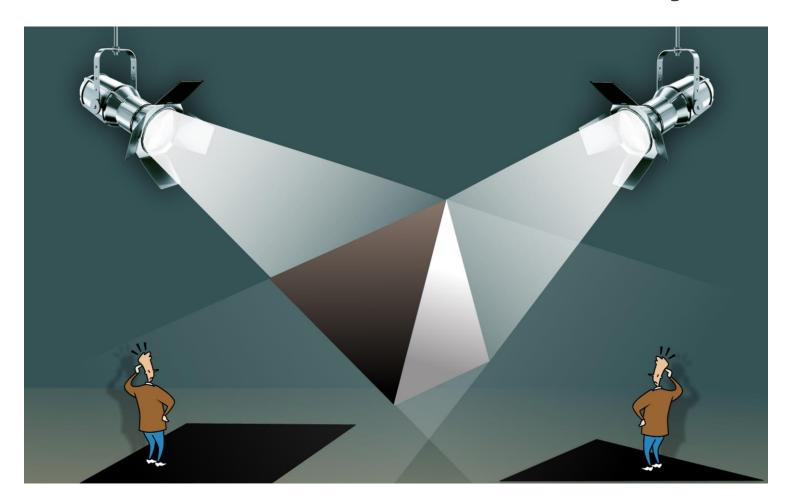




Complex Situations Require Multiple Independent Perspectives



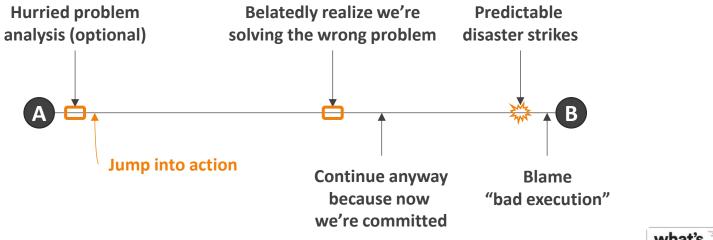
No Two People See The Same Complex Situation The Same Way





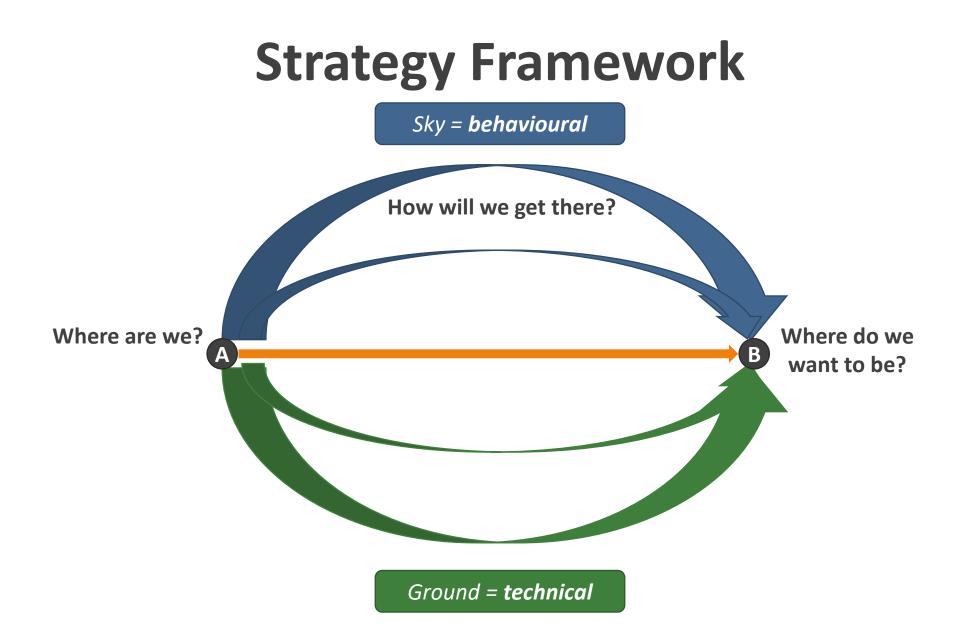
Ground = **technical**

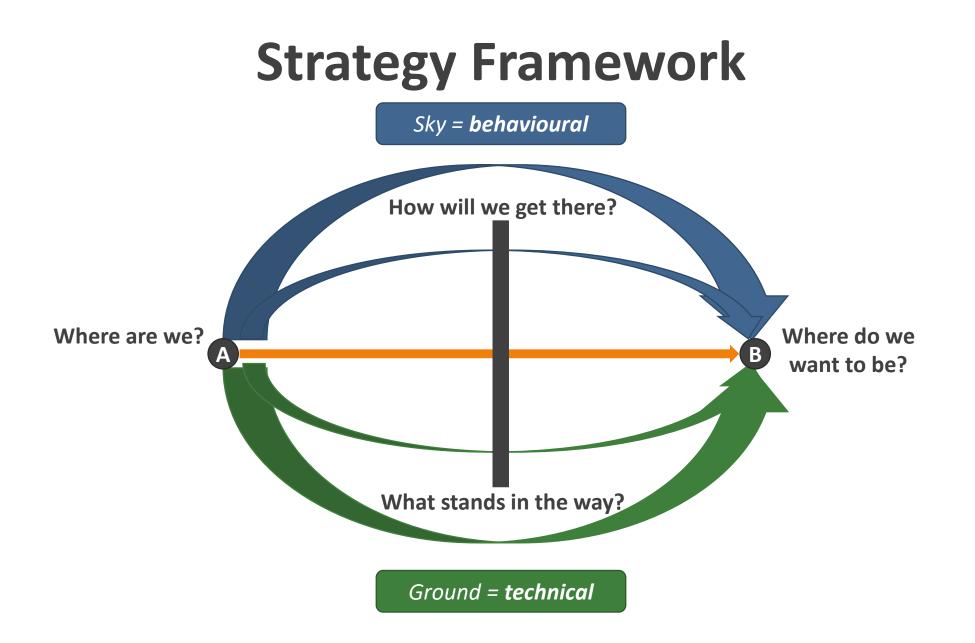
A Common Process:





Thomas Weddell-Wedellsborg What's Your Problem





The Essence of Strategy

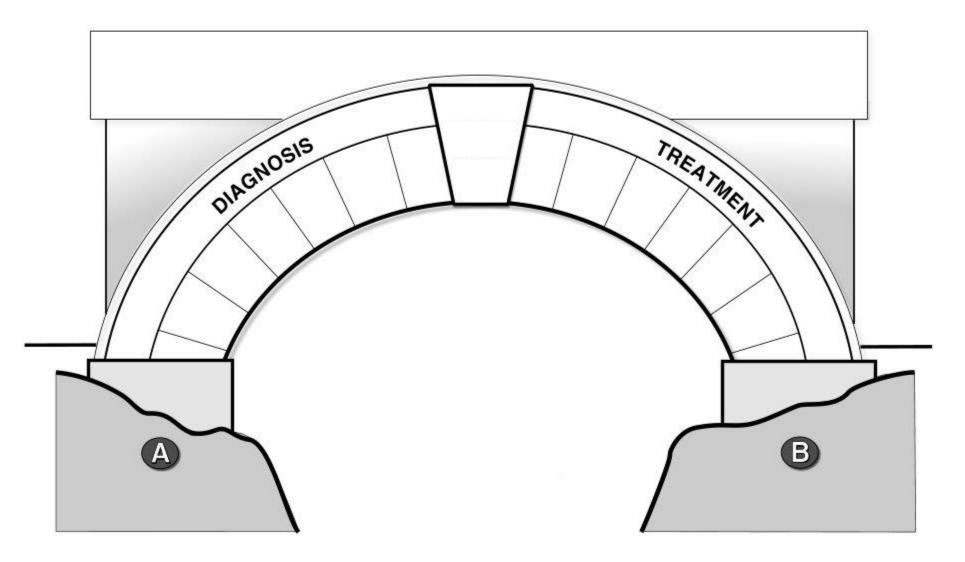
Judging what is true

- 1. <u>Perceive</u> the critical factors in a complex situation
- 2. <u>Diagnose</u> the biggest challenges to forward progress

Deciding what to do

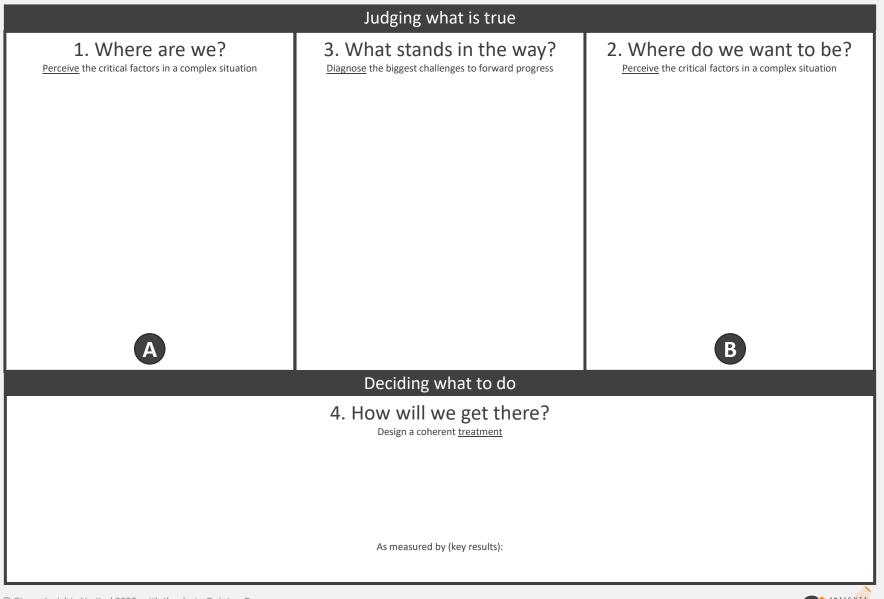
3. Design a coherent treatment

Strategy Framework



Strategy Canvas

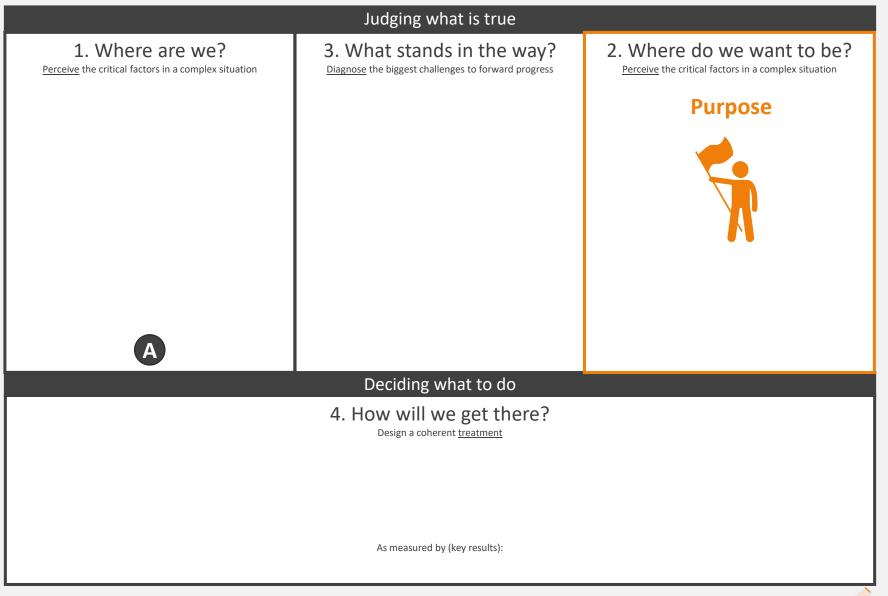
Purpose of discussion:





Strategy Canvas

Purpose of discussion:





ICMIF Advanced Management Course 2024 Tools for Leading Eternal Renewal: the Crux

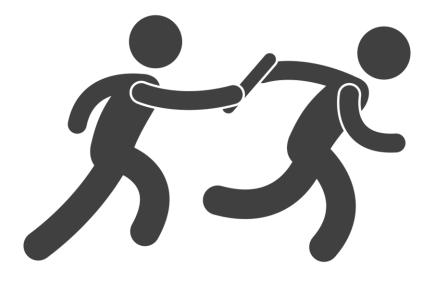






To Sustain Eternal Renewal Leaders Require an Infinite Mindset

In a game with no rules and no finish line



It's Infinite

There's no end There's no goal



President of the Board of Directors, Zenkyoren (Japan)

What's Next for Zenkyoren?

The target is very far away

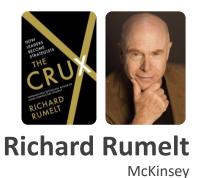
So rather than talking about the next stage We have the challenges in hand



President of the Board of Directors, Zenkyoren (Japan)

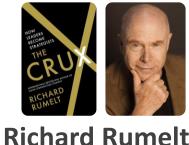
Leaders Can Use Challenge-Based Strategy To Sustain Eternal Renewal

Identify the main obstacle to overcome, and do so again and again



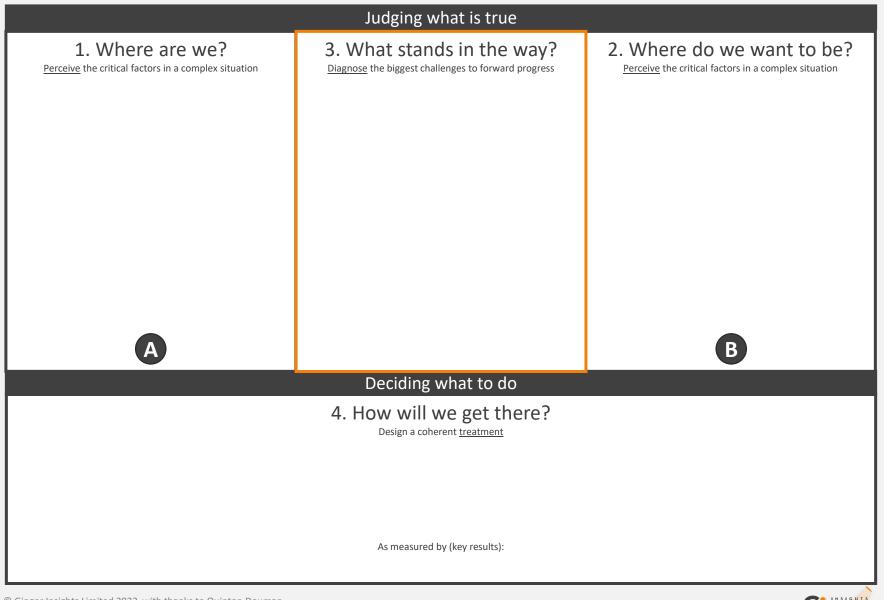
The Crux Is The Outcome Of a Three-Part Strategic Skill

- Judgment about which issues are truly important and which are secondary
- **2. Judgment** about the **difficulties** of dealing with these issues



Strategy Canvas

Purpose of discussion:

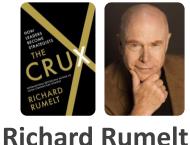




Ginger

The Crux Is The Outcome Of a Three-Part Strategic Skill

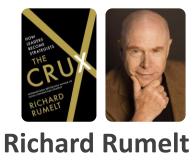
- Judgment about which issues are truly important and which are secondary
- **2. Judgment** about the **difficulties** of dealing with these issues
- 3. The ability to **focus**



McKinsey

The Combination of These Three Parts Lead to a Focus on the Crux

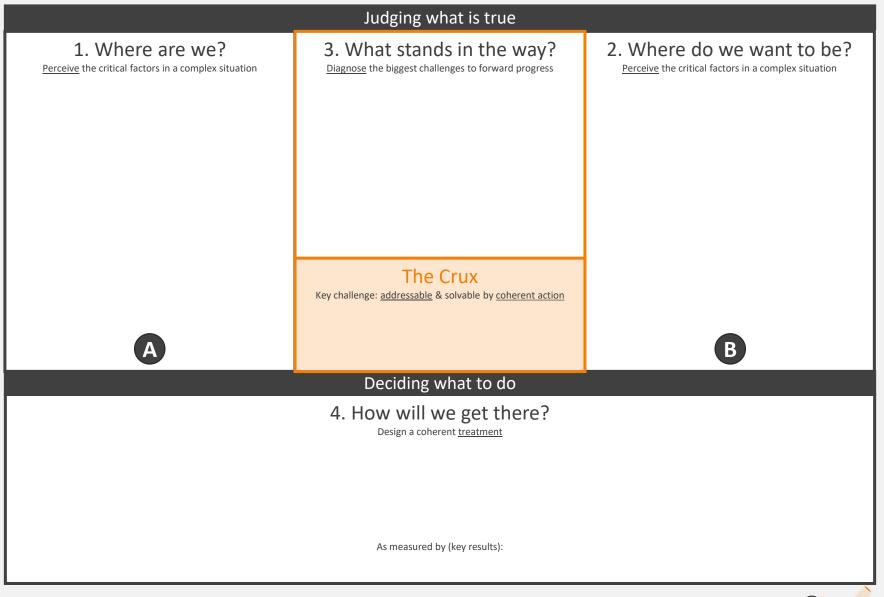
The most important part of a set of challenges that is **addressable** and has a good chance of being **solved by coherent action**



McKinsey

Strategy Canvas

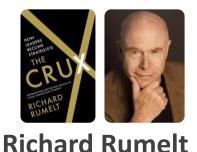
Purpose of discussion:





To Use Challenge-Based Strategy To Sustain Eternal Renewal

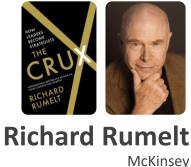
- 1. Embrace the full **complex** and confusing challenges and opportunities you face
- 2. Identify the crux: the main obstacle to overcome again and again
- Only after avoiding a too rapid convergence on action, a group can design the coherent actions

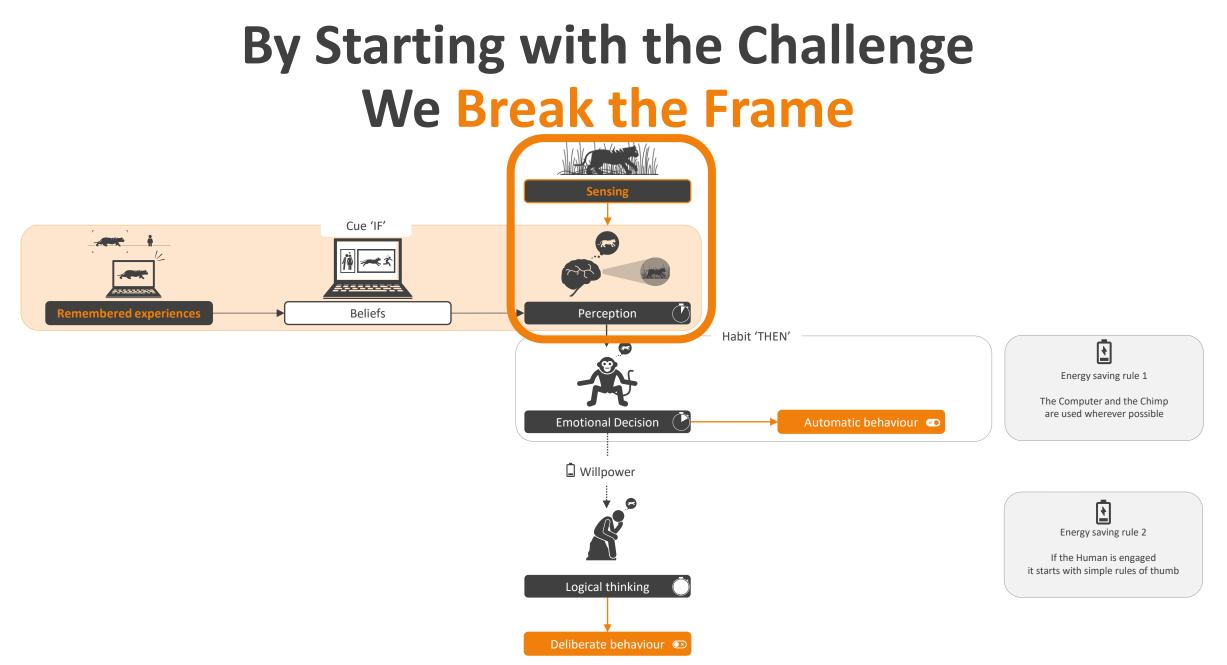


McKinsey

By Starting with the Challenge

The group becomes **responsible** for **designing** a response rather than choosing among existing plans or just filling in the blanks

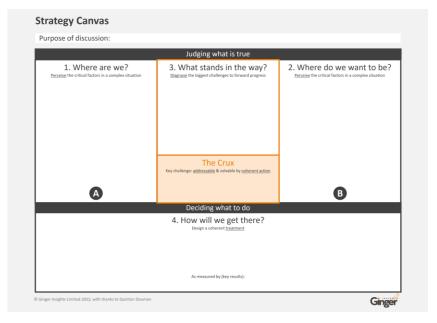






Your Return On Investment





To Use Challenge-Based Strategy To Sustain Eternal Renewal

- 1. Embrace the full **complex** and confusing challenges and opportunities you face
- 2. Identify the crux: the main obstacle to overcome again and again
- 3. Only after avoiding a too rapid convergence on action, a group can design the coherent actions



13. Where in your work would the strategy framework and challenge-based strategy be helpful?

A Vital First Step Toward Realizing Your Potential as a Person and as a Leader

Is knowing yourself intimately and objectively



John Amaechi Psychologist (and ex-NBA player)

You Cannot Grow

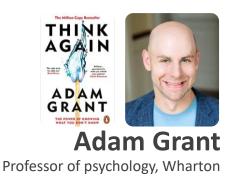
Without an accurate understanding of who you are and where you're starting from



John Amaechi Psychologist (and ex-NBA player)

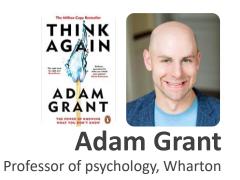
The Process of Rethinking

Starts with intellectual humility Knowing what we don't know



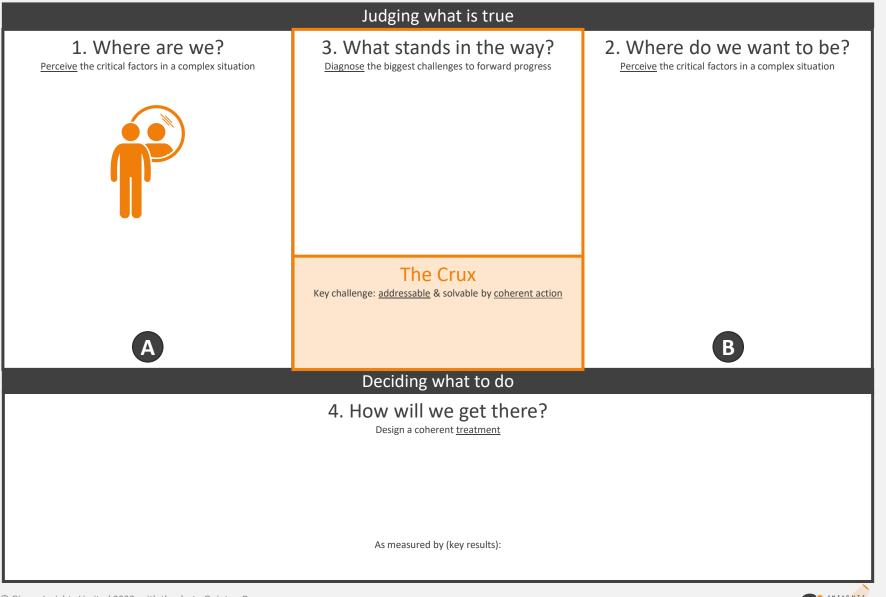
If Knowledge is Power

Knowing what we don't know is wisdom



Strategy Canvas

Purpose of discussion:

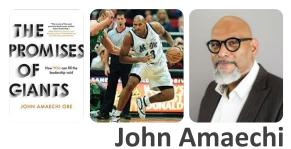




Ginge

Be Kind To Yourself

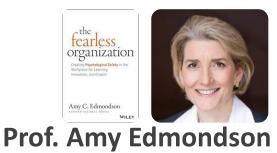
I promise to view myself critically, but not cruelly



Psychologist (and ex-NBA player)

Challenge-Based Strategy Requires A Culture of Psychological Safety

The **belief** that the work environment is **safe for interpersonal risk taking**



Harvard Business School

Mutuality <u>Can</u> Make It Easier to Build a Culture of Psychological Safety and Intellectual Honesty



Case Study: Gore Mutual

Canada's oldest general insurance company, started in 1839 with the purpose of protecting people and their businesses from fire



Paul Jackson COO, Gore Mutual (Canada)

Listen For ...

Judge what is true

(B)

1. <u>Perceive</u> the critical factors in your complex situation

2. <u>Diagnose</u> the crux (the main obstacle to overcome)

Before deciding what to do

3. Design a treatment of coherent actions

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Paul Jackson COO, Gore Mutual (Canada)

Today, we are a fast growing, purpose driven, digitally-led challenger brand.

600 Employees USD\$500M Premiums Property & Cascalty General Insurance Motor, Home, Business Lines 100% intermediary distribution

The Crux

How can such an old company be such a small company?



Paul Jackson COO, Gore Mutual (Canada)

The Answer Lies in One Dimension of Mutuality That Our Company Embraced

Conservatism, prudence, and maintaining local roots



Paul Jackson COO, Gore Mutual (Canada)

Case Study: Gore Mutual

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Embrace the Full Complex and Confusing Challenges and Opportunities You Face

Gore Mutual's challenges combine to threaten the entire business



Paul Jackson COO, Gore Mutual (Canada)

Case Study: Gore Mutual

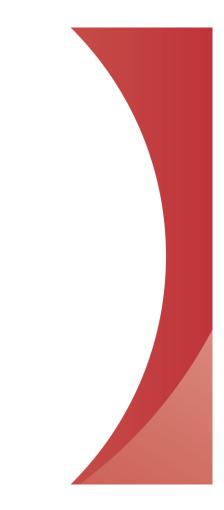
But we're facing some formidable and, in some cases, uniquely Canadian challenges.

· Capital

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- · Consolidation
- · Customer
- · Costs

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Case Study: Gore Mutual

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Capital

Most Canadian Mutuals cannot access external capital, and the few available options are limited and expensive, leaving earnings as the only viable source of growth capital.

Customer

Expectations are advancing fast, with customers now demanding digital experiences from companies with purpose at their heart.

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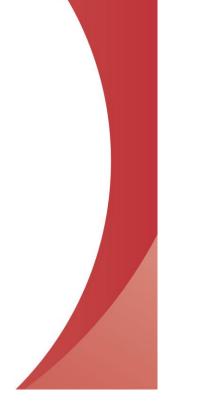
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Consolidation

The whole industry is rapidly consolidating, leveraging scale benefits that create competitive advantages in pricing, risk selection, customer service and operating costs.

Costs

Climate-change, tightening reinsurance markets and new technology all place disproportionate pressure on Mutuals' balance sheets.



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These challenges represent an existential threat to sub-scale Canadian Mutual insurers.

In 2019, Gore Mutual began a journey of rapid and radical transformation to secure a vibrant future.

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Gore Mutual Designed a New Strategy

Project Next Horizon



Paul Jackson COO, Gore Mutual (Canada)

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Project Next Horizon: An audacious transformation harnessing our Mutual super-powers of speed and agility.





10-year strategy to become a top 10 Canadian insurer, 4X scale, benchmark underwriting results and industry-leading operating costs.

Transformational investments in world-class technology, specialist talent, dynamic leaders, efficient operating model and capabilities.



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Transforming our businesses to become truly customercentric is simply not optional.

It's necessary and urgent for Mutuals and cooperatives to make bold, transformational moves to secure vibrant futures.



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https://www.icmif.org/presentation_video/securing-a-vibrant-future-for-gore-mutual-as-a-purpose-driven-digitally-led-mutual/

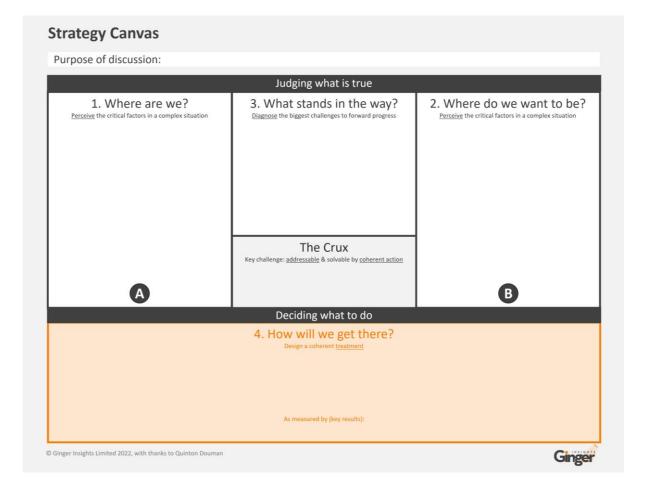
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Next Horizon will secure a vibrant future for Gore Mutual as a purpose driven, digitally-led self-sustaining Mutual.

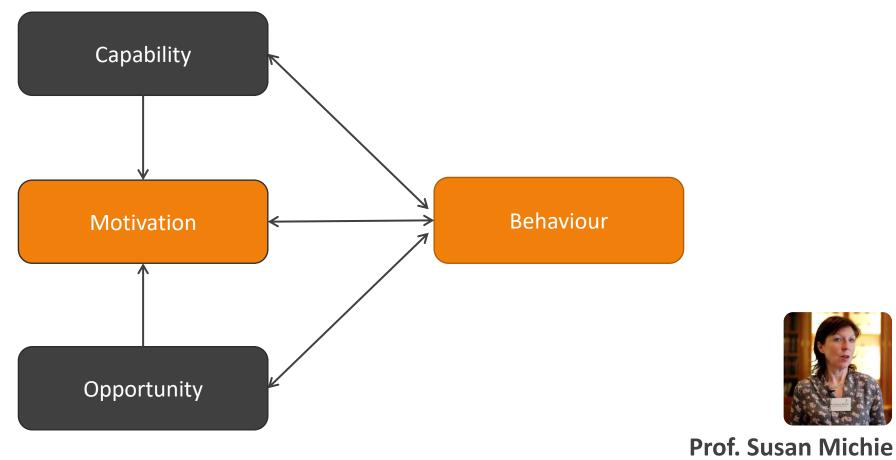
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https://www.icmif.org/presentation_video/securing-a-vibrant-future-for-gore-mutual-as-a-purpose-driven-digitally-led-mutual/

The Output of the Strategy Framework is an Action Plan



Why Leaders Fail



University College London

Gore Mutual's Traditional Purpose Statement

Also required transformation



Paul Jackson COO, Gore Mutual (Canada)

Insurance that does good

Purpose is how we can use our resources, finances and operations for the good of society. It is thinking about what we can do today to prepare for tomorrow. But it is more than just what we do - we are focused on what we can do to inspire others to do as well.

Be Good	Do Good	Spread Good
We are committed to doing business the right way, holding ourselves and our partners to a higher business standard. We foster a culture that supports our people, with flexible workplaces and welcoming diversity, equity and inclusion.	We strive to provide customers with more value and service – especially when they need it most. We nurture strong relationships with our broker partners, making doing business simple, sharing goals, and investing in a more resilient future, every day.	We believe there's more than enough good to go around. We continue to partner with organizations across Canada that create measurable impact and a better tomorrow.

By 2027, we intend to be a truly Purpose-Driven company, with "Purpose as a Compass" mindset embedded into our brand, strategy and operations, driving better decisions for our business growth, our people, our customers and our communities.

We will solidify our position as a leader in Purpose which will be synonymous with our Brand.

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Case Study: Gore Mutual Challenge-Based Strategy for Eternal Renewal

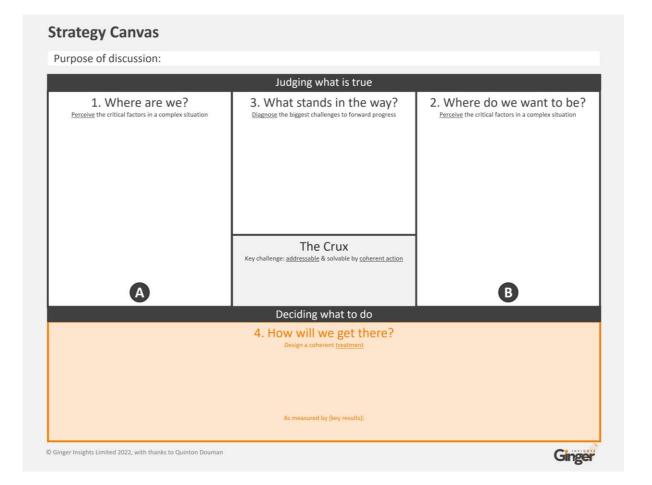
	Judging what is true	
1. Where are we? <u>Perceive</u> the critical factors in a complex situation	3. What stands in the way? Diamone the biggest challenges to forward progress	2. Where do we want to be? <u>Perceive</u> the critical factors in a complex situation
۵	The Crux Key challenge: <u>addrossable</u> & solvable by <u>coherent action</u>	ß
	Deciding what to do	
	4. How will we get there? Design a coherent treatment	
	As measured by (key results):	

To Use Challenge-Based Strategy To Sustain Eternal Renewal

- 1. Embrace the full **complex** and confusing challenges and opportunities you face
- 2. Identify the crux: the main obstacle to overcome again and again
- 3. Only after avoiding a too rapid convergence on action, a group can design the coherent actions



The Output of the Strategy Framework is an Action Plan



"Strategy Boils Down to Three Tools"

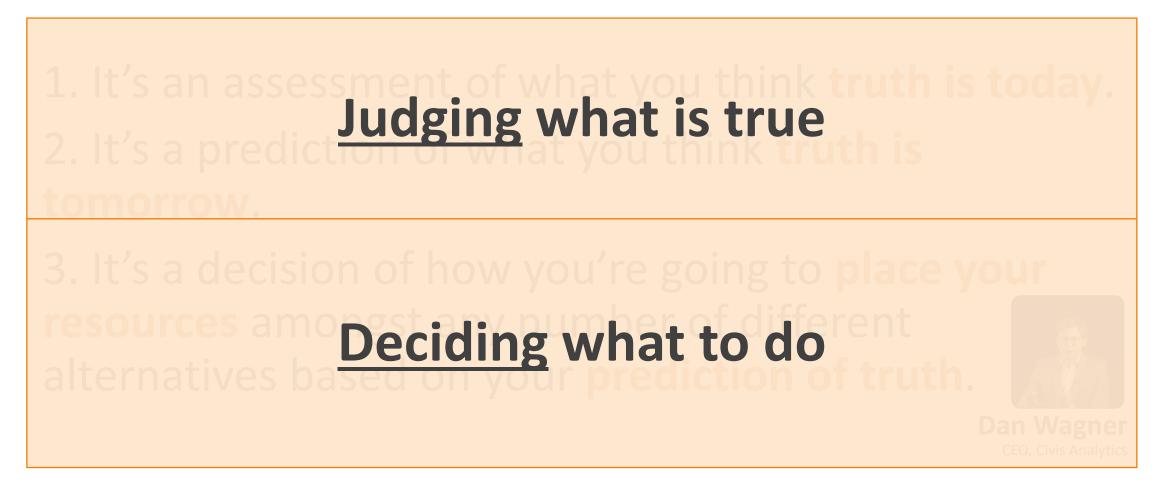
- 1. It's an assessment of what you think truth is today
- 2. It's a prediction of what you think truth is tomorrow

3. It's a decision of how you're going to place your resources amongst any number of different alternatives based on your prediction of truth



Dan Wagner CEO, Civis Analytics

"Strategy Boils Down to Three Tools"



Judgement and Decision Making

Judgement Assigning odds in the face of uncertainty



Decision Making

What to do in receipt of those odds



We Place Bets Differently Depending on the Situation





The Difficulty of Forecasting

Low difficulty

Technical

High difficulty



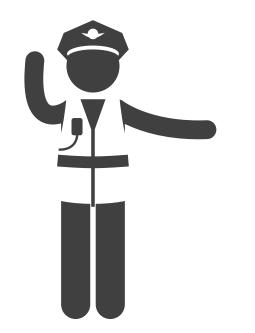
Place Smaller Bets As Complexity Increases



Because We Snap & Stick



Key Tool: Challenge Before Acting



Because we snap and stick

ICMIF Advanced Management Course 2024 Tools for Leading Eternal Renewal: Healthy Challenge







Universal Challenge: We Can't See the Quality of our Thinking While We are Thinking

What Does It Feel Like

To be right

- Comfortable
- Confident
- Nothing

To be wrong

- It's embarrassing
- It's distressing
- You feel stupid & uncomfortable



What Does It Feel Like

To be right

- Comfortable
- Confident
- Nothing

To be wrong To learn that we are wrong

- It's embarrassing
- It's distressing
- You feel stupid & uncomfortable



What Does It Feel Like

To be right Nothing To be wrong Nothing



Being Wrong, Before We Know We Are Wrong Feels Like What It Feels Like to be Right

To be right Nothing To be wrong Nothing



Believing We're Right

Narrows and closes down possibilities Mostly we don't even notice we're doing it



If We Hold the Possibility That We Might be Wrong

Whole new vistas open for us We become more curious better listeners and better problem-solvers



Before They Form a Preliminary View Good Decision-Makers

Listen respectfully, and seek a wide range of advice and facts



Sir John Kay and Lord Mervyn King Former Dean of Oxford Said Business School and former Governor of the Bank of England

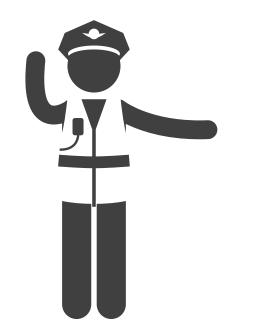
When Good Decision-Makers Arrive at a View

They **invite challenge** to it, **before** drawing the discussion to a conclusion



Sir John Kay and Lord Mervyn King Former Dean of Oxford Said Business School and former Governor of the Bank of England

Key Tool: Challenge Before Acting



How could I be wrong?

Key Tool: Challenge Before Acting

Because we snap & stick

1. What must be true ...?



3. Access an outside view



2. What else could it be?



4. Look away



1. What Must Be True For ... ?



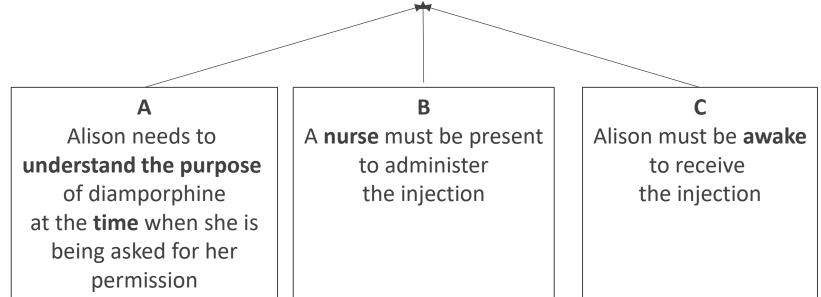
Highly effective when coaching

What Must Be True?

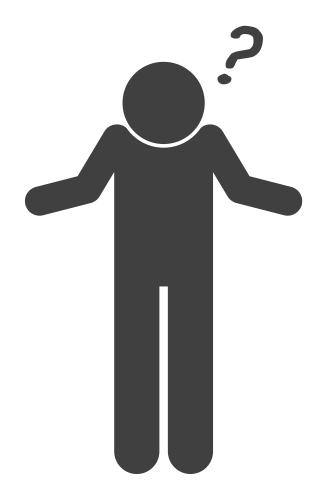
1. How do we enable Alison and John to have a comfortable night?

The night nurse recommends **diamorphine** so that Alison sleeps through





2. What Else Could It Be?



Highly effective when coaching

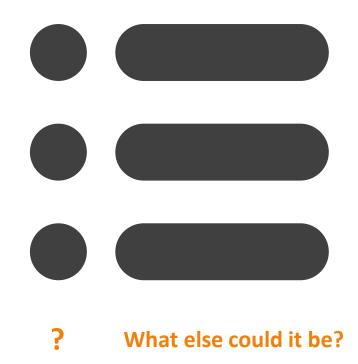
Seek Disconfirming Evidence

The most fundamental principle in clinical decision-making is that the interpretation of new information depends on what you believed beforehand



Sox, Higgins, Owens 2013

Using "What Else Could it Be?" Is a Chimp-Friendly Way to Invite Alternatives



What Else Could It Be?

Amazon's Leadership Principles 1. Customer Obsession 2. Ownership 3. Invent and Simplify Etc.

Unless you know better ones



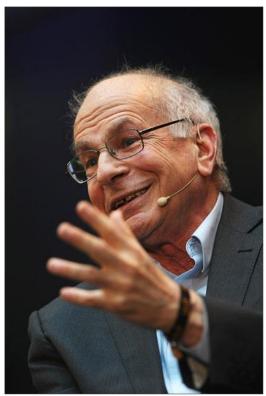
Colin Bryer & Bill Carr Working Backwards

3. Access An Outside View



Base Rate Neglect

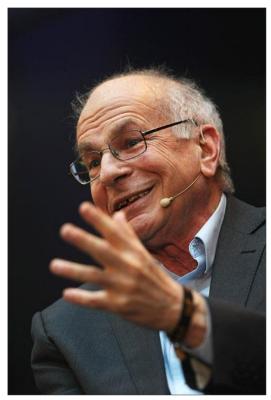
The Inside View



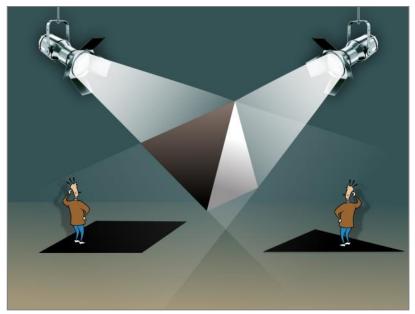
- Project started: 1976
- 1 year
- Estimate: 18 to 30 months
- Seymour
- 40% never finish
- Base rate: 7 to 10 years
- "Let's press on"
- Project finished: 1985

Access an Outside View

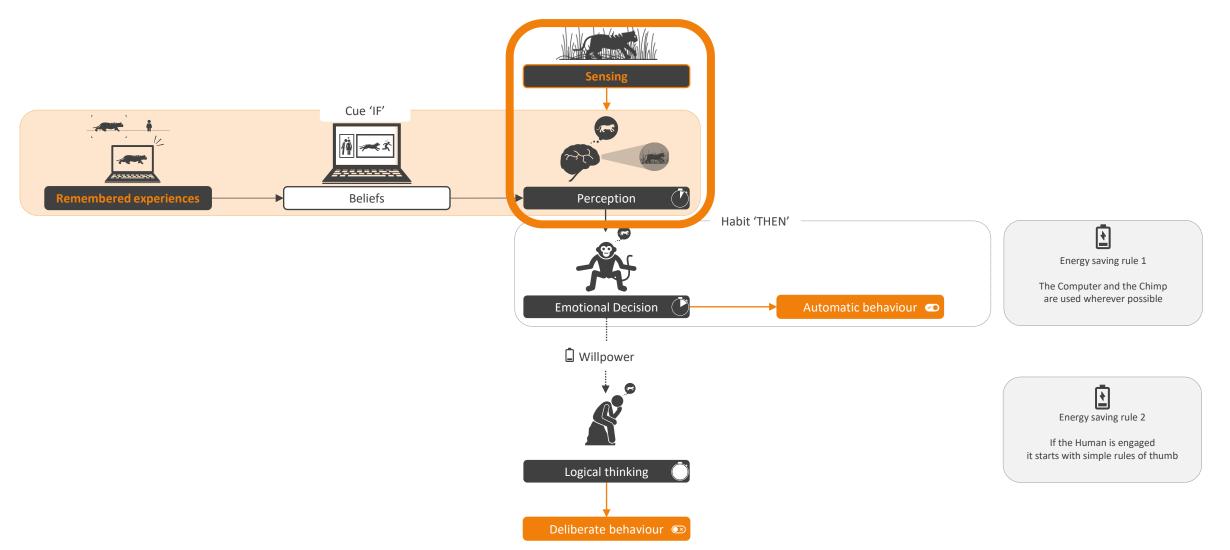
The Inside View



The Outside View



Break the Frame

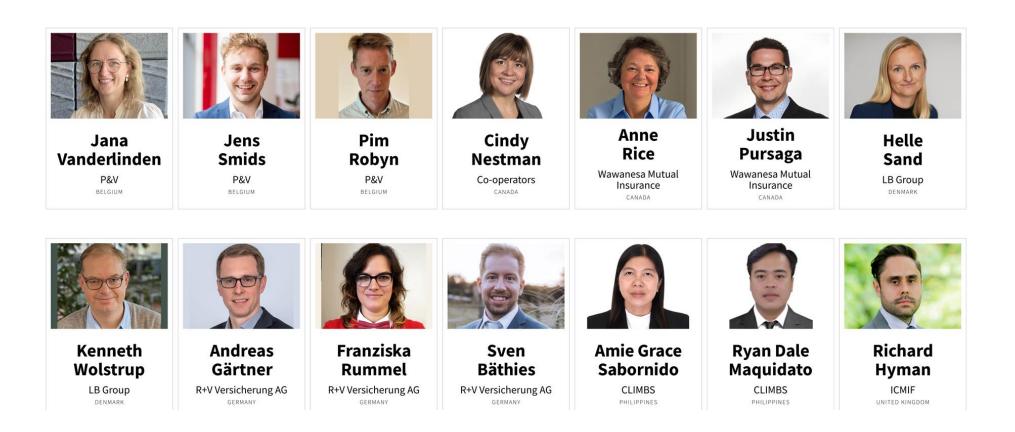


The Problems of Mutual Insurers are Universal

The solutions are specific and context dependent



Access an Outside View



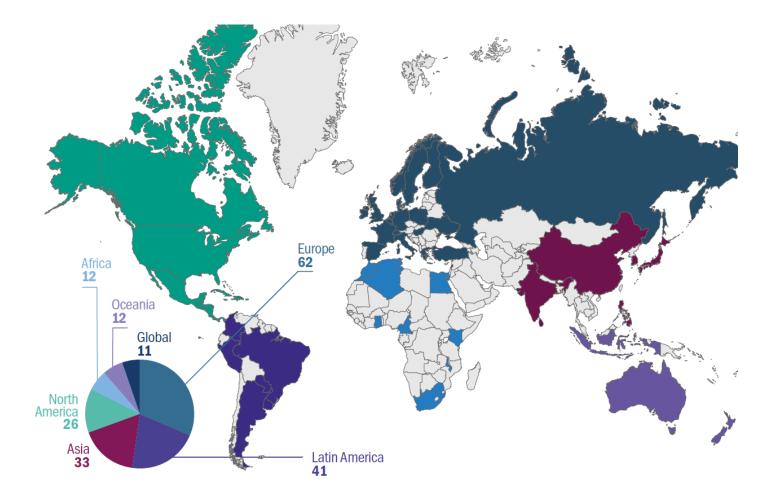
ICMIF's Peer-to-peer Consultancy

Better and **cheaper** than McKinsey



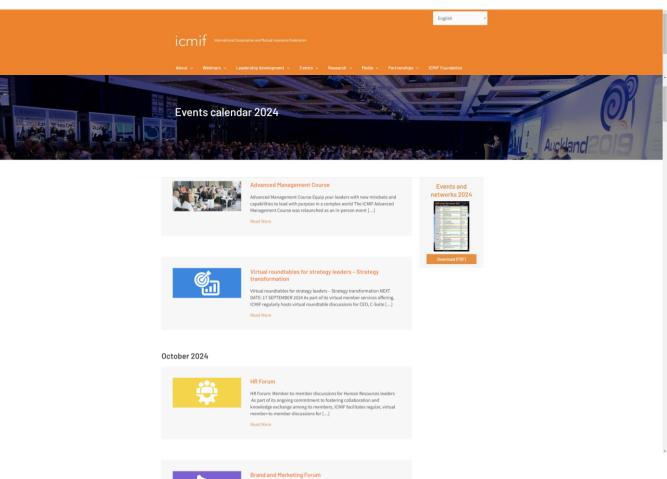
Hilde Vernaillen Chair of the Management Committee, P&V (Belgium)

ICMIF Offers Many Peer to Peer Consultancy Opportunities



Access an Outside View

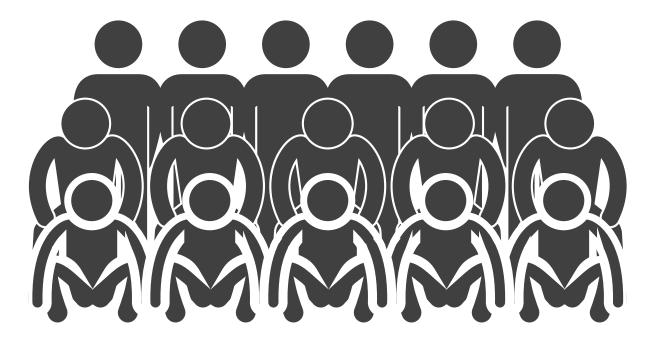
www.icmif.org



allow ICMIF members to discuss and share practical [...]

ICMIF Learning Alumni Group

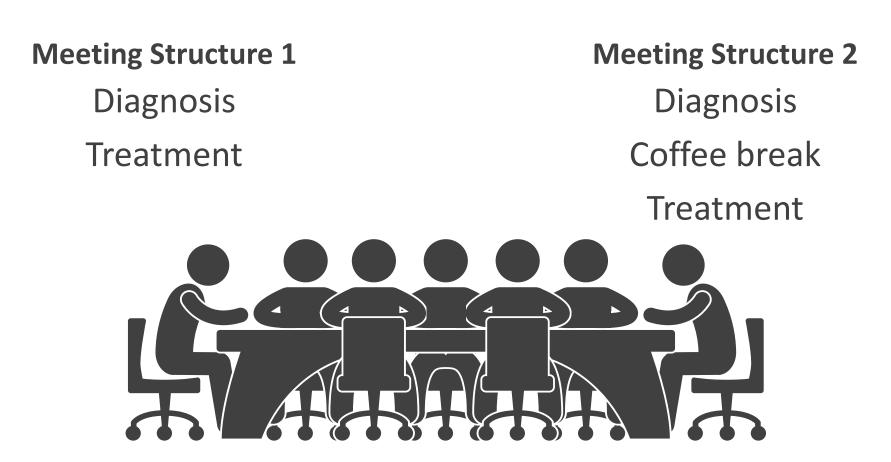
Mike will be in touch







Which Structure Produces Better Outcomes?

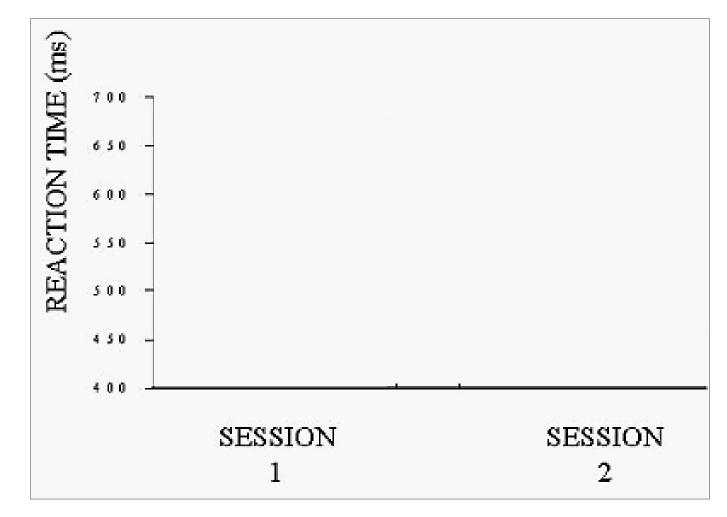


Which Structure Produces Better Outcomes?

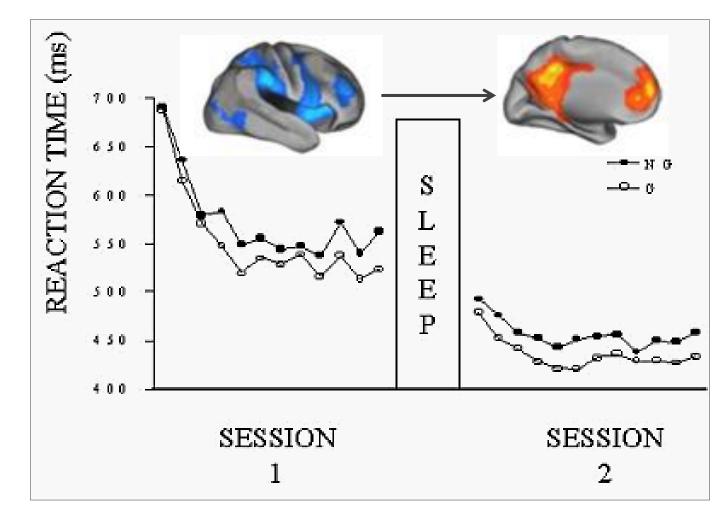




Working While You Sleep!



The Power of Looking Away



I Take It We Are All In Complete Agreement

Then, I propose we postpone further discussion of this matter until the next meeting to give ourselves time to develop disagreement, and perhaps gain some understanding of what the decision is all Alfred P. Sloan about. President and CEO, General Motors c. 1956

Key Tool: Challenge Before Acting

Because we snap & stick

1. What must be true ...?



3. Access an outside view



2. What else could it be?



4. Look away



Highly effective when coaching



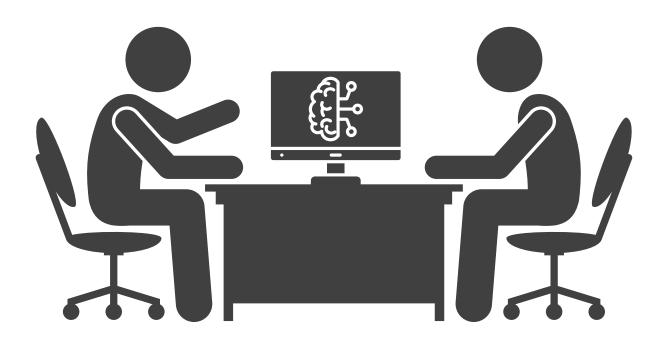
Your Return On Investment



A sinple healthy challenges
(#1 and #2 highly effective when coaching)**1. What must be true ...?2. What else could it be?1. What must be true ...?1. What else could it be?1. State state view1. Cook away3. Access an outside view4. Look away1. State state view1. State st**

14. Where in your work would one of the simple healthy challenges be helpful?

Preliminary Observations: Using AI With Healthy Challenges



Challenging Before Acting While Harnessing Al



Capture your independent perspective using the healthy challenges
 Use the AI as an outside view, applying the healthy challenges
 Use the AI to research base rates to explore, "is this reasonable?"
 Review
 Look away
 Act

The Essence of Strategy

Judging what is true

- 1. <u>Perceive</u> the critical factors in a complex situation
- 2. <u>Diagnose</u> the biggest challenges to forward progress

Deciding what to do

3. Design a coherent treatment

A Vital Stage is Missing

Judging what is true

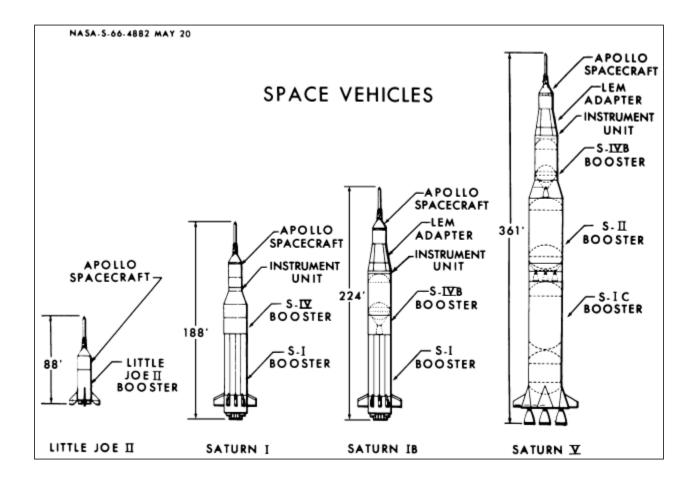
1. <u>Perceive</u> the critical factors in a complex situation

2. <u>Diagnose</u> the biggest challenges to forward progress

Deciding what to do

3. Design a coherent treatment

Why Was It a Saturn 5 Rocket that Enabled a Moon Landing?



Complex Situations Require Teams Using Models and Tools





Plan, Do, Review To Make Progress In Complex Systems



Good Strategies for a Radically Uncertain World

Acknowledge that we do not know what the future will hold



Sir John Kay and Lord Mervyn King Former Dean of Oxford Said Business School and former Governor of the Bank of England

Use Challenge-Based Strategy To Sustain Eternal Renewal Again and Again



1. <u>Perceive</u> the critical factors in your complex situation

2. <u>Diagnose</u> the crux (the main obstacle to overcome)

Before deciding what to do

3. Design a treatment of coherent actions

"Review"





В

As Leaders Your Strategic Thinking Has To

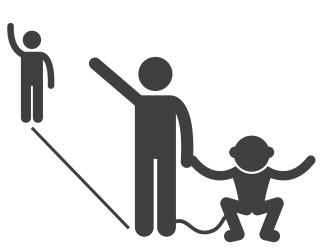
Selectively Forget the Past

Create space and a supporting culture for eternal renewal by letting go of past practices, habits, activities and attitudes Optimize the current business to run at peak efficiency

Manage the Present

Create the Right Future

Design the next generation of actions through experimentation and change in a complex world







Eternal Renewal Requires Three Box Strategic Thinking

Selectively Forget the Past

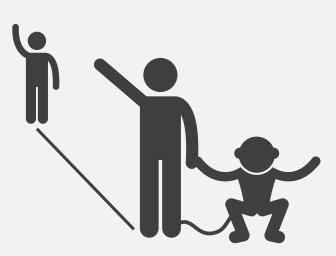
Create space and a supporting culture for eternal renewal by letting go of past practices, habits, activities and attitudes

Manage the Present

Optimize the current business to run at peak efficiency

Create the Right Future

Design the next generation of actions through experimentation and change in a complex world







Break #3 (of 4 today)



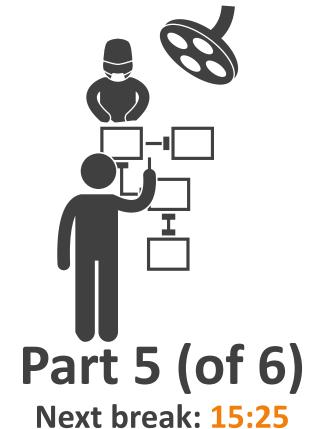
Next session starting at

14:25





ICMIF Advanced Management Course 2024 Tools for Leading Eternal Renewal: the Pre-mortem

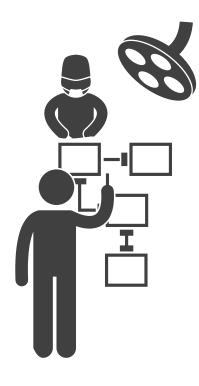






Key Tool: Pre-mortem

Because we snap & stick





Gary Klein President, ShadowBox

We Avoid Triggering Some of the Sources Of Human Error By Thinking Backwards

90% of decision errors are are errors of perception

Become Time Travellers to the Future When The Outcome is Known

B



Look Backwards From the Future When The Outcome is Known

We failed ...

B



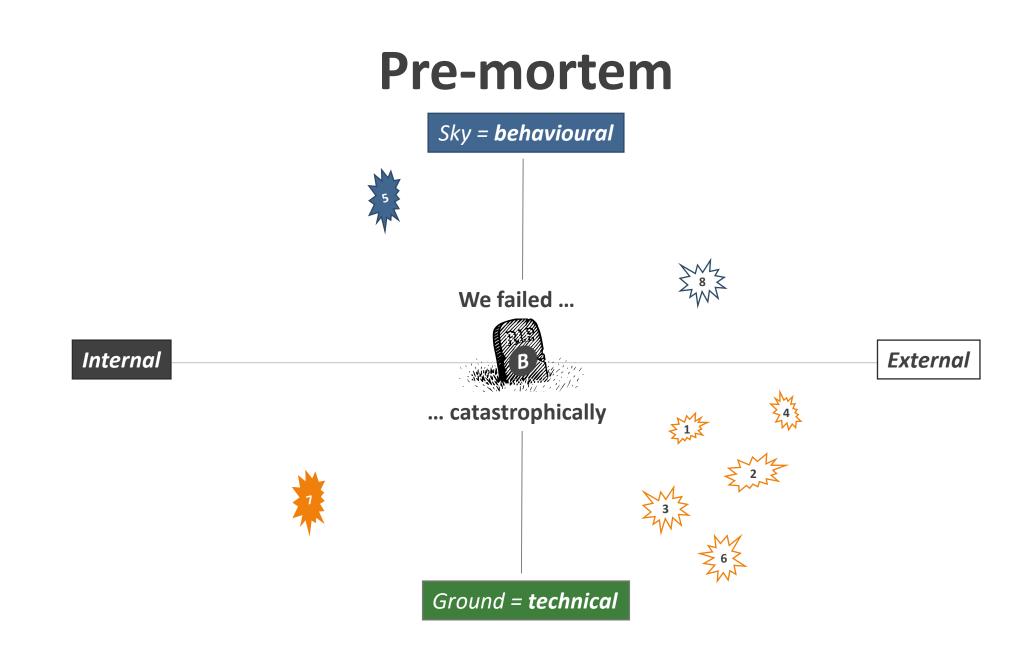




3 Steps to Collective Intelligence

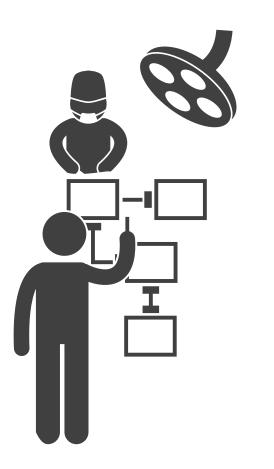
1. Capture your private perspective

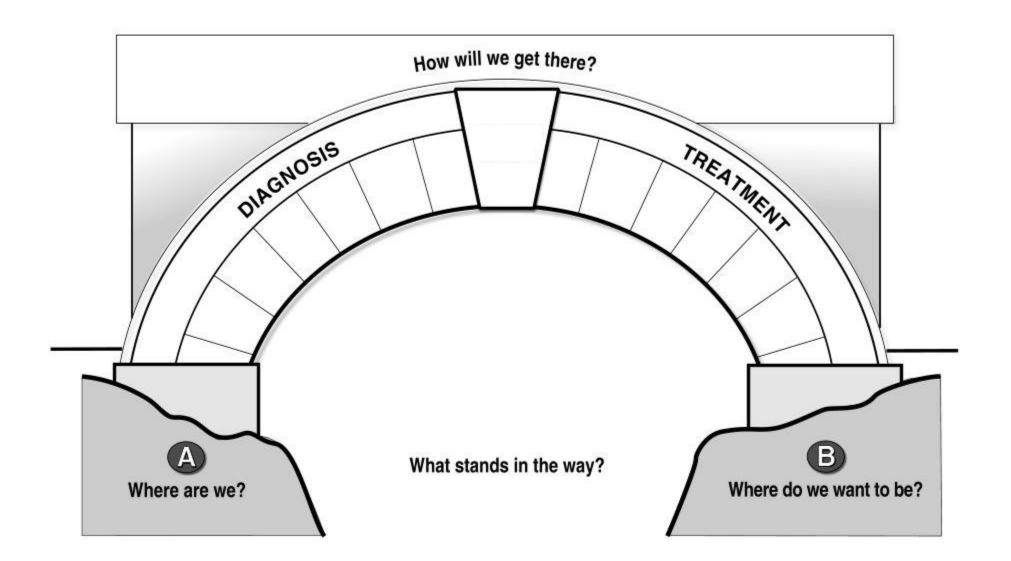
Independently judging what you perceive to be true



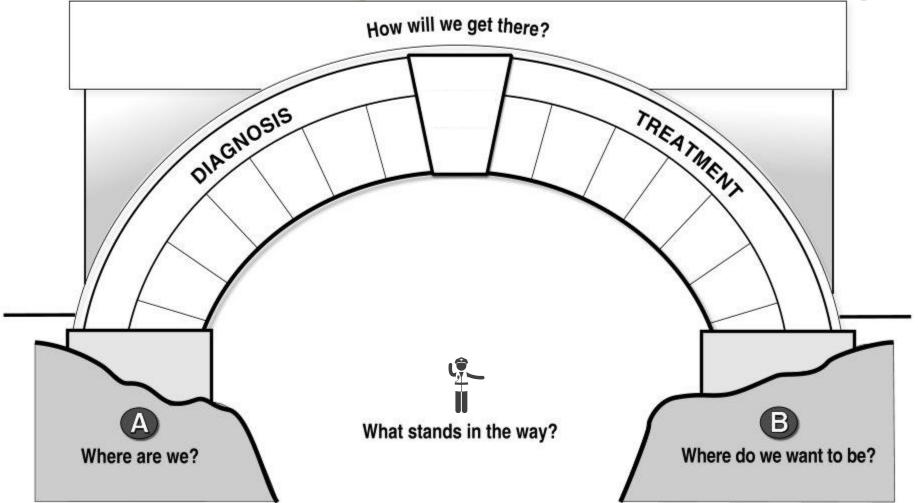
Key Tool: Pre-mortem

Because we snap & stick

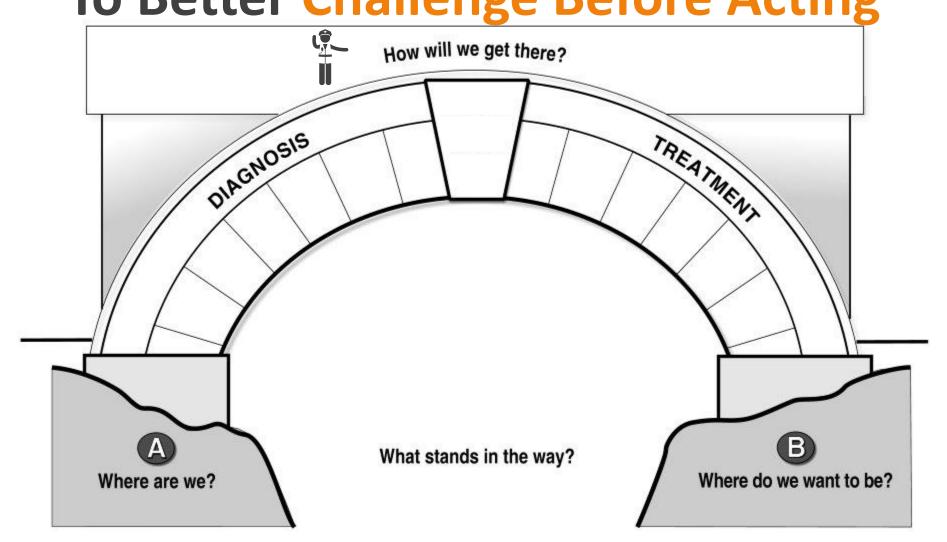




Pre-mortem at What Stands In The Way? To Better Diagnose Before Treating



Pre-mortem at How Will We Get There? To Better Challenge Before Acting







Today

End of project Send 7 astronauts into space Return them safely to Earth





Today

End of project Send 7 astronauts into space Return them safely to Earth

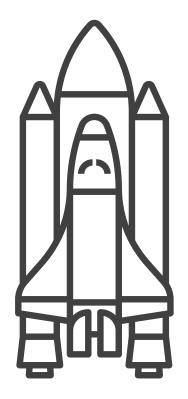
- It is the end of the mission
- Our strategy failed... catastrophically
- Looking back, why did it fail?

 We failed to send 7 astronauts into space and return them safely to Earth

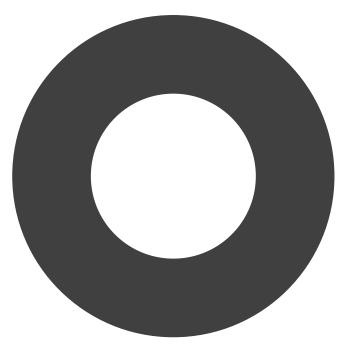
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 We failed to send 7 astronauts into space and return them safely to Earth

- It is the end of the mission
- Our strategy failed... catastrophically
- Looking back, why did it fail?
- Be specific
- Pursue root causes



- It is the end of the mission
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Apparent cause

Failure of 'O' ring in low temperature

- It is the end of the mission
- Our strategy failed... catastrophically
- Looking back, why did it fail?
- Be specific
- Pursue root causes

Apparent cause

Failure of 'O' ring in low temperature

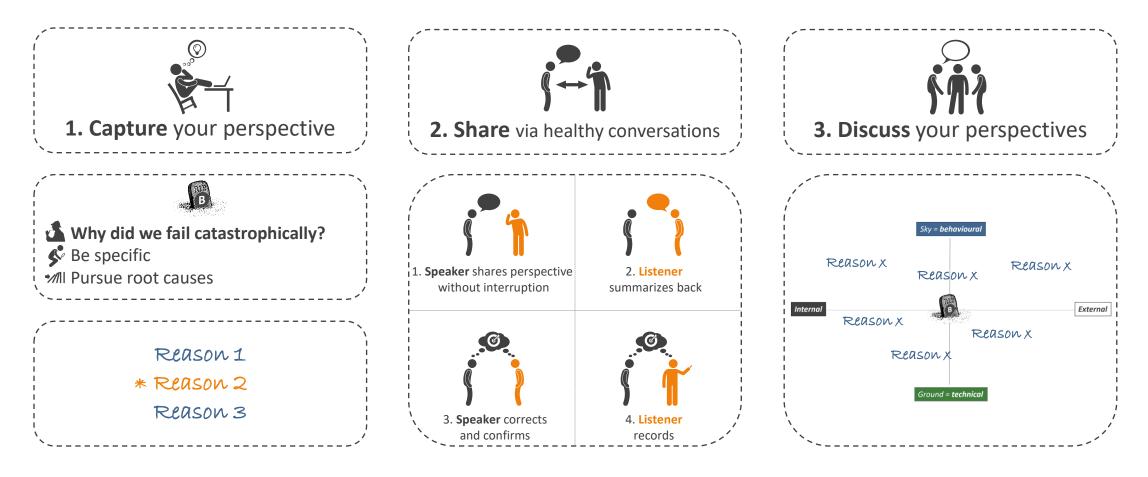
to	on Thiokol, Inc	
atch Division		
office Memo		
,	31 July 1985 2870:FY86:073	
	TO: R. K. Lund Vice President, Engineering	
	CC: B. C. Brinton, A. J. McDonald, L. H. Sayer, J. R. Kapp	
	FROM: R. M. Boisjoly Applied Mechanics - Ext. 3525	
	SUBJECT: SRM O-Ring Erosion/Potential Failure Criticality	
	This letter is written to insure that management is fully aware of the seriousness of the current O-ring erosion problem in the SRM joints from an engineering standpoint.	
	The missively accepted position on the joint problem was to fly without give of failure on to run a series of design evaluations which would utilimetry lead as advants or at test a significant reduction of the ension problem. This position is non drastically changed as a result of the SIMI IBA nozzla joint ension which ended a secondary C-ring with the primary C-ring neutra station.	
	If the same scenario should occur in a field joint (and it could), then it is a jump ball as to the success of failure of the joint because the secondary O-ring cannot respond to the clevis opening rate and my no the capable of pressuriation. The result would be a catastrophe of the highest order - loss of human life.	
	An unofficial team (a memo defining the team and its purpose was never published) with leader was formed on 19 July 1958 and was tasked with solving the problem for both the short and long term. This unofficial team is extensively nonsense to this then. In my opinion, the team must be officially given the responsibility and the authority to execute the work that needs to be done on a non-interference basis (full time assignment until completed.)	
	It is my honest and very real fear that if we do not take immediate action to dedicate a team to solve the problem with the field joint having the number one priority, then we stand in jeopardy of losing a flight along with all the launch pad facilities.	
	R. M. Boisjoly	
	Concurred by: J. R. Kapp, Manager Applied Mechanics	

- It is the end of the mission
- Our strategy failed... catastrophically
- Looking back, why did it fail?
- Be specific
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rt	on Thiokol, Inc
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	the success or failure of the joint because the secondary O-ring cannot respond to the clevis
	opening rate and may not be capable of pressurization. The result would be a catastrophe of the highest order - loss of human life.
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	It is my honest and very real fear that if we do not take immediate action to dedicate a team to solve the problem with the field joint having the number one priorly, then we stand in leopardy of losing a flight along with all the launch pad facilities.
	R. M. Boisjoly
	Consumed by:
	Concurred by: J. R. Kapp, Manager
	Applied Mechanics

Apparent cause	Root cause
Failure of 'O' ring in low temperature	A cost-focused culture that did not listen to the concerns of engineers

It is the end of the project. Looking back, why did we fail catastrophically?

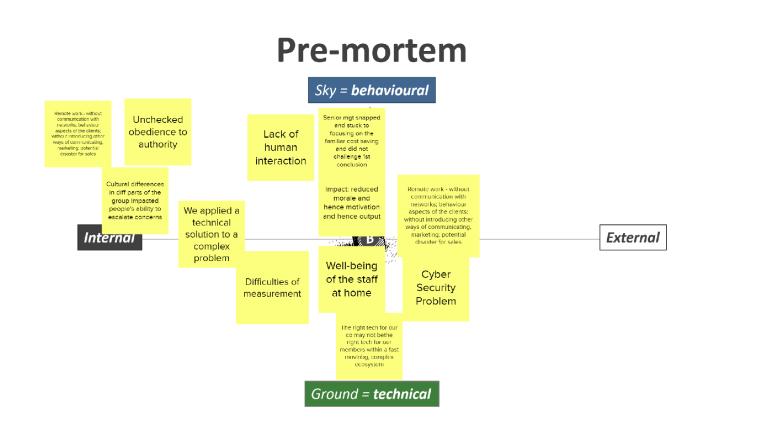


Pre-Mortem Example From Late 2020

In pursuit of your strategic objectives, you have chosen to make permanent <u>some</u> of the temporary changes introduced as a consequence of the COVID-19 pandemic.

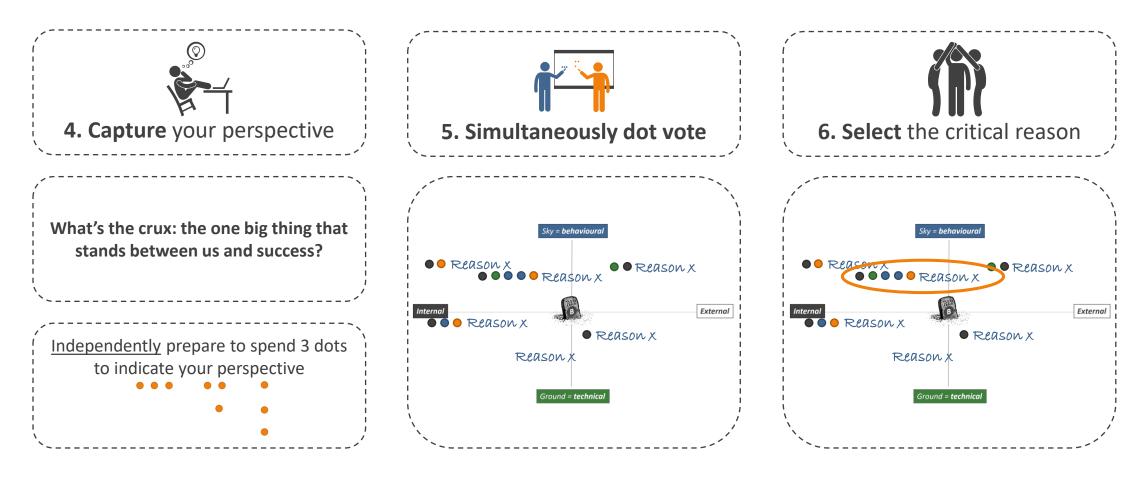
- It is 31st December 2021
- Your approach has failed ... catastrophically.
- Looking back, why did it fail?
- Be specific
- Pursue root causes

Pre-mortem Example: Diagnosis Phase

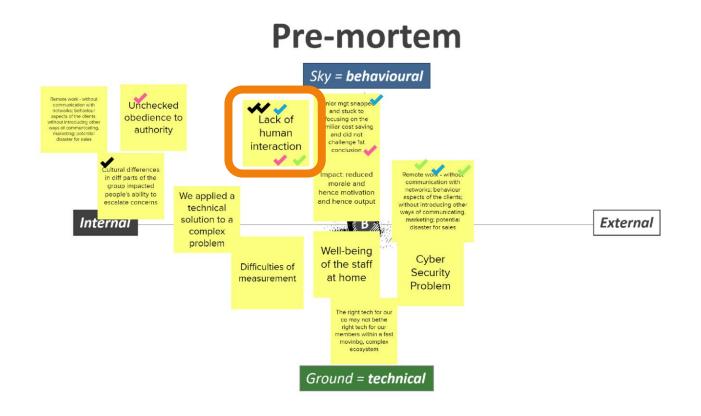


Pre-mortem: Selection Phase

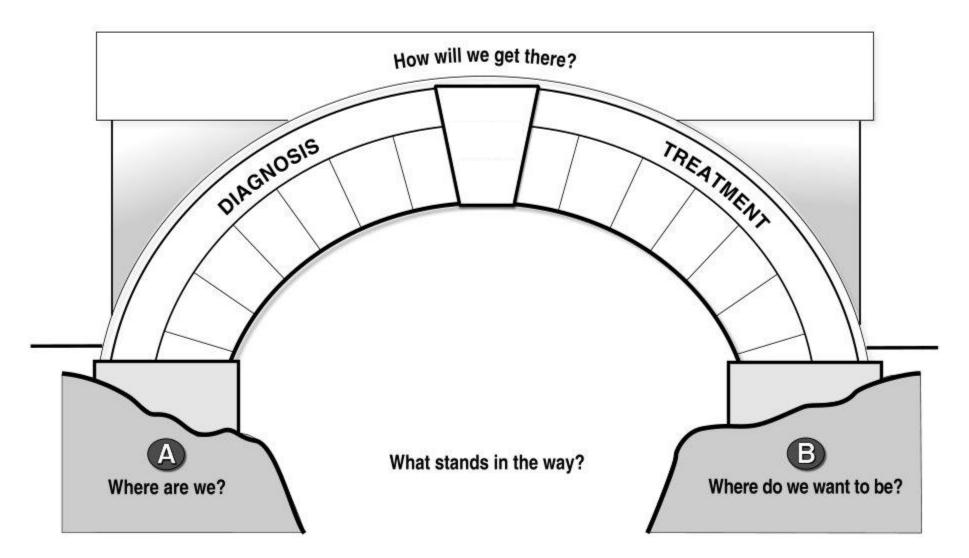
Where should we focus our attention?



Pre-mortem Example: Selection Phase



How Will We Get There?



Armed With Your Key Reason(s) for Failure Mentally Return to the Present Day



We failed ...



... catastrophically

Today

We've Seen The Future & Know Why We Failed What Action Could We Have Taken?



 (\mathbf{A})

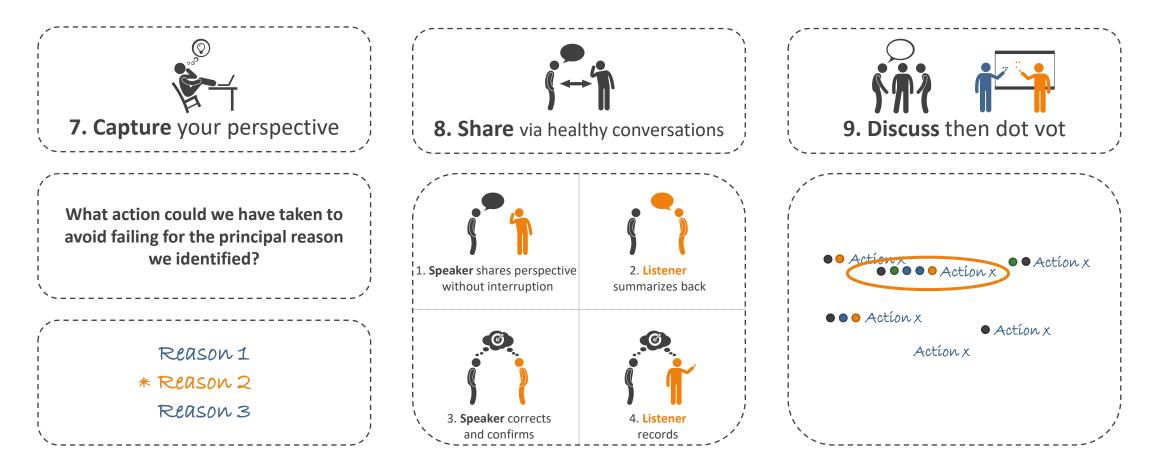


We've Seen The Future & Know Why We Failed What Action Could We Have Taken?



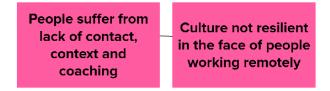
Pre-mortem: Treatment Phase

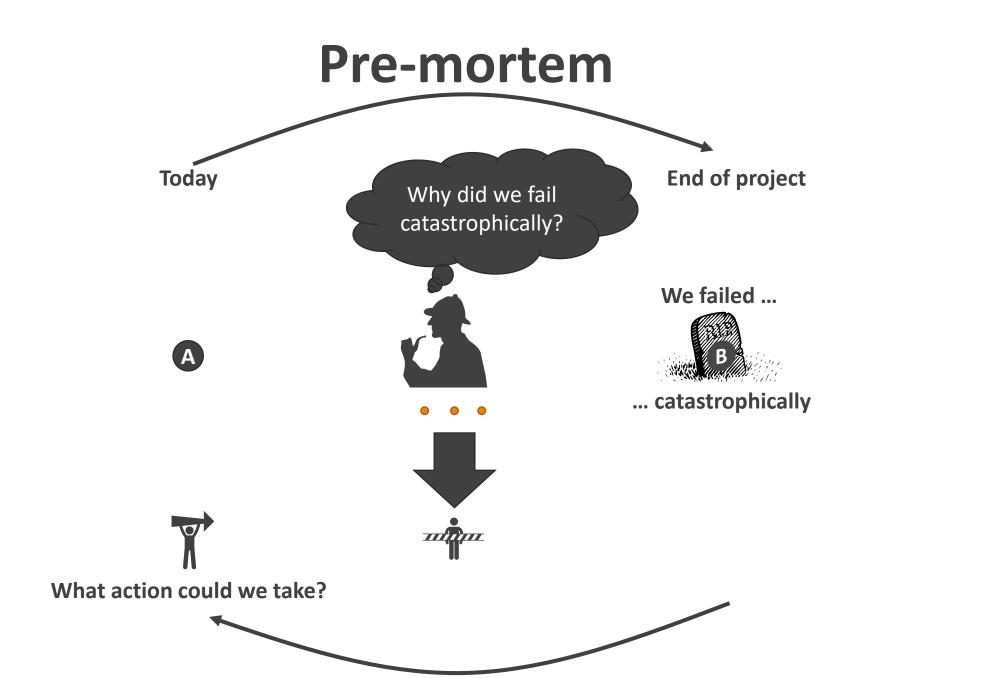
Generate, share and select actions to prevent failure



Pre-mortem Example: Treatment Phase

What action could we have taken to avoid failing for the principal reasons we identified?

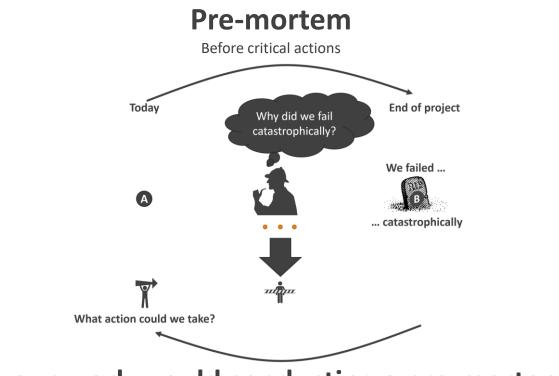






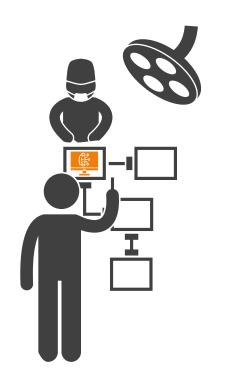
Your Return On Investment



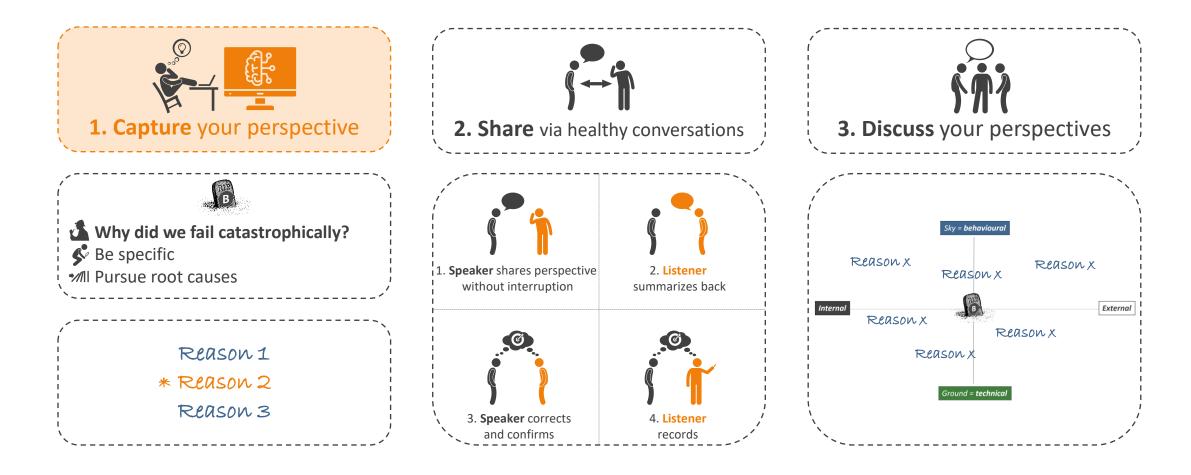


15. Where in your work would conducting a pre-mortem be helpful?

Preliminary Observations: Harnessing Al During a Pre-mortem



1. Optionally use AI as an additional perspective after generating your own



Optionally use AI as an additional perspective after generating your own
 New! 3.5 Consult AI following your discussion, augmenting and refining the diagnosis



3.5. Augment/refine diagnosis

Optionally use AI as an additional perspective after generating your own

give me three paragraphs, each of which tells a story of how the product development effort failed. Focus on the potential failure to produce the prototype on deadline, not long-term sales. be very specific and detailed using the proposal I gave you.

Paragraph 1:

The design team spent months researching and designing the mountain bike suspension fork, but as the deadline for the prototype approached, they realized that the design was too complex to produce within the given timeline. The team struggled to incorporate all the necessary features while keeping costs and weight down. They attempted to simplify the design but ended up sacrificing key features that were important to the intended market. Despite their best efforts, the team was unable to produce a functional prototype by the deadline, and the project was delayed indefinitely.

Paragraph 2:

The manufacturing process for the suspension fork hit a roadblock when the team discovered that the required materials were not readily available. The materials were delayed in transit, and the team was unable to start the production process on time. The team tried to source alternative materials but found that they were not suitable for the design, which required specific properties. The team was forced to wait for the materials to arrive, causing production delays that pushed the project past the deadline. The delay meant that the suspension fork was not ready for the intended market, and the project was deemed a failure.

Paragraph 3:

During testing, the suspension fork failed to meet the required safety and regulatory standards. The team had overlooked some critical safety requirements, and the prototype was deemed unsafe for use. The team tried to make modifications to the design to meet the safety standards, but the changes caused further problems with the fork's functionality. The team was forced to go back to the drawing board, redesign the fork, and restart the testing process. The delay in development and additional testing time caused the project to go past the deadline, and the suspension fork was never produced for the intended market. The project was considered a failure due to safety concerns.

i want to go to school and become a radiologist. what are five ways that my plan could go wrong?

Searching for: radiologist education requirements

Searching for: radiologist career challenges

Generating answers for you...

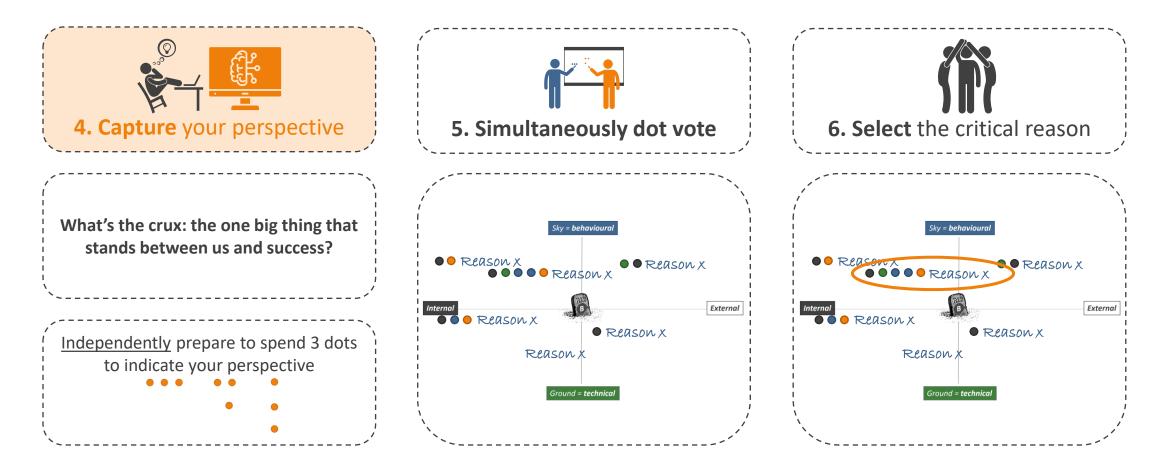
That's a great goal to have. Becoming a radiologist requires about **13 years** of education and training ¹, including a bachelor's degree, medical school, residency and fellowship ² ³. You also need to pass several exams and obtain a license to practice medicine.

Some possible ways that your plan could go wrong are:

- You might not get accepted into medical school or radiology residency due to high competition or low grades ¹.
- You might find the workload and stress of medical school and residency too overwhelming or exhausting ⁴, ⁵.
- You might face challenges in adapting to new technologies, such as artificial intelligence or cloud computing, that are changing the field of radiology ⁶ ⁷.
- You might have difficulty finding a job or maintaining a work-life balance as a radiologist due to the shortage of radiologists or the increasing demand

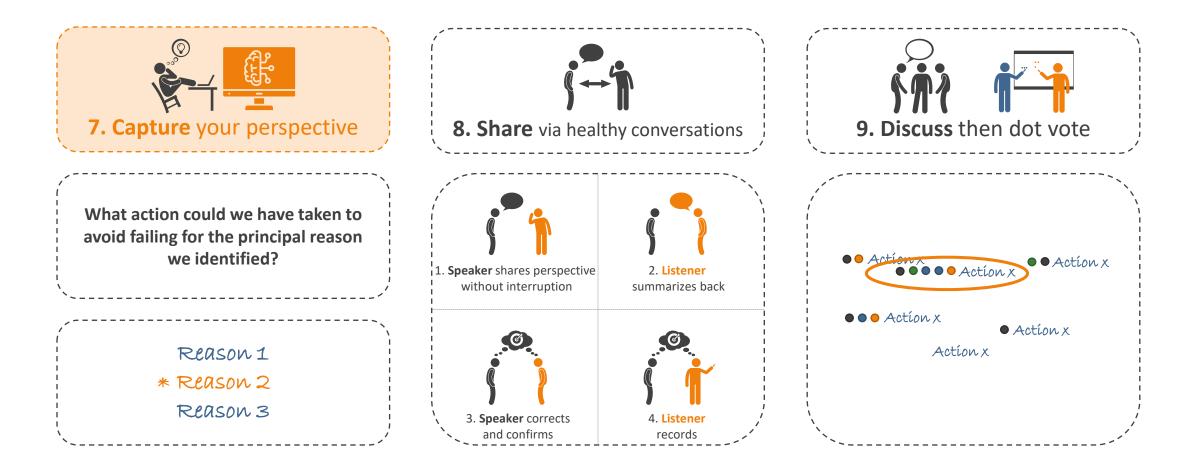
Pre-mortem: Selection Phase

4. Optionally consult AI after generating your own perspective, but before deciding how to vote



Pre-mortem: Treatment Phase

7. Optionally use AI as an additional perspective after generating your own



Pre-mortem: Treatment Phase

7. Optionally use AI as an additional perspective after generating your own New! 8.5 Optionally consult AI after discussion, augmenting and refining actions before voting



8.5. Augment / refine actions

ICMIF Advanced Management Course 2024 Tools for Leading Eternal Renewal: the Innovation Matrix







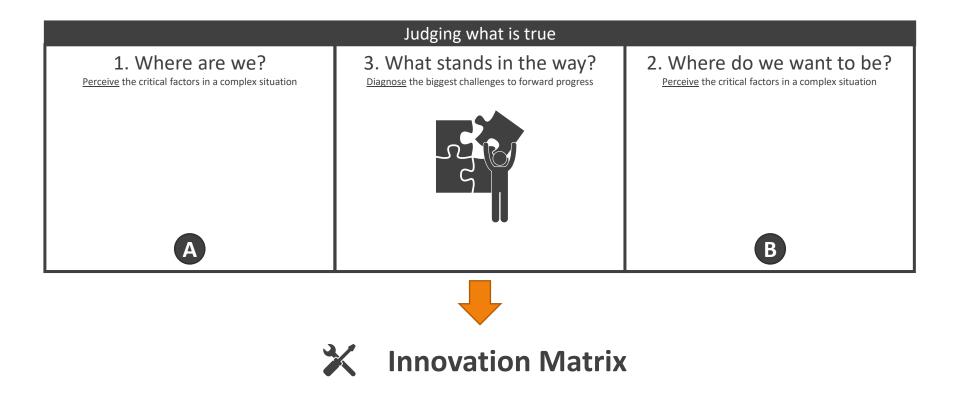
Offered With Humility Every Complex Situation is Unique



After Diagnosing Using the Strategic Framework

Judging what is true				
1. Where are we? <u>Perceive</u> the critical factors in a complex situation	3. What stands in the way? <u>Diagnose</u> the biggest challenges to forward progress	2. Where do we want to be? Perceive the critical factors in a complex situation		
A		B		

Optionally, Dive Deeper Using The Innovation Matrix To Tackle the Biggest Challenges



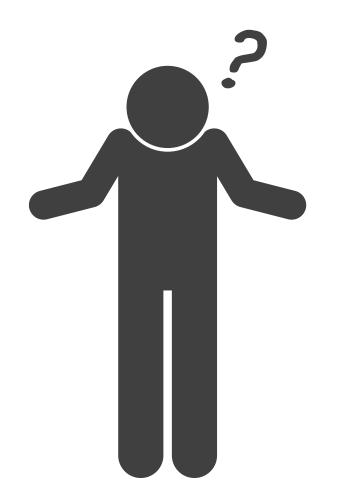
Innovation Matrix

Problem:

Elements of the problem	Solutions

Because we snap & stick

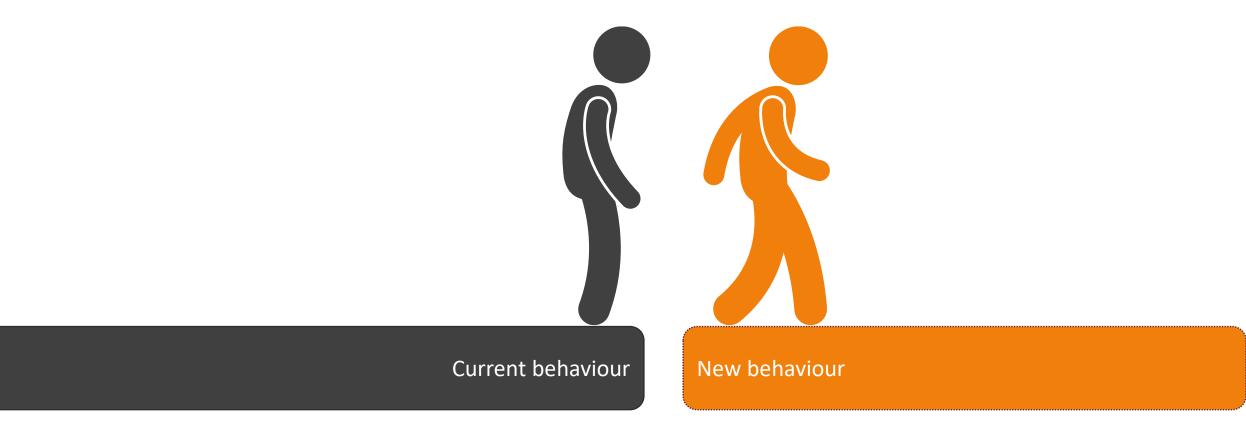
Who Else Has Solved A Problem Like This?



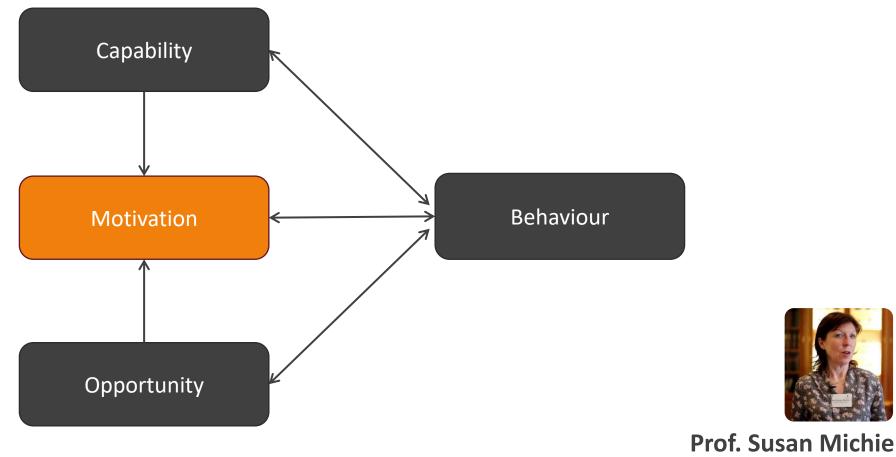
Innovation Matrix

Problem:

Implementing Strategy Requires Behavioural Change



Three Things Required To Change Behaviour

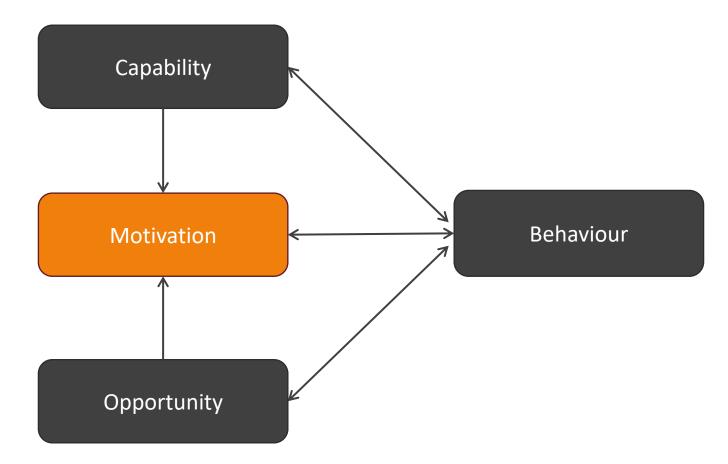


University College London

Snap & Stick Includes Thinking Others See The World The Way We See It



Because We Snap and Stick Don't Overlook Providing Motivation



Innovation Matrix (Behavioural)

Who Else Has Solved A Problem Like This?

Problem: Moving from protection to prevention

COM-B Elements of t	Elements of the problem	hlem Internal solut		olutions External solution	
		Team X	Project Y	company Z	Amazon
Motivation	Don't perceive the value Dislike change			Show what's at stake	Always 'Day One'
Capability	Lack key skílls	Re-use training program X			
Opportunity	Already 100% commítted		What's no longer essentíal?		

© Ginger Insights Limited 2022. Inspired by Duggan's description of GE's What Works Matrix and Michie's COM-B model

Use This Simple Brain and Challenge-Based Process To Work As A Team To Activate Strategy

1. Judge What Is True

2. Generate Options

3. Decide What To Do



Optionally, Pre-mortem at

What stands in the way? To break down the problem into its core elements

How will we get there: To check your plan just before you deploy your resources



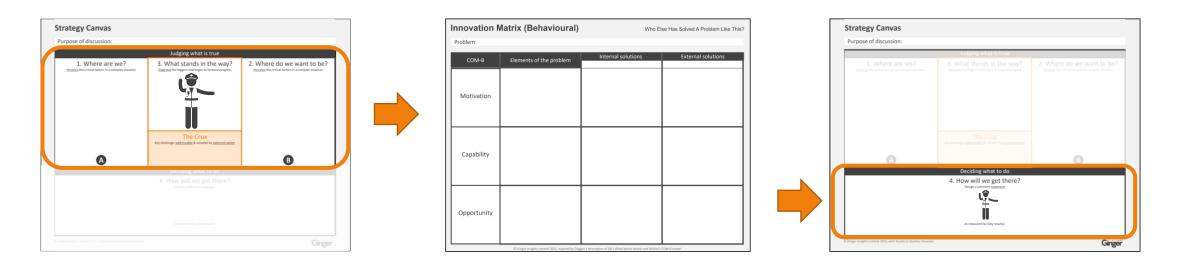
Your Return On Investment



1. Judge What Is True

2. Generate Options

3. Decide What To Do



16. Where in your work would the innovation matrix be helpful?

Innovation Matrix (Behavioural)

Problem:

COM-B	Elements of the problem	Internal solutions	External solutions
Motivation			
Capability			
Opportunity			

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Innovation Matrix for Purpose Driven Organisations

Problem:

	Elements of the problem	Internal solutions	External solutions
Purpose			
Drive			
Organisation			

© Ginger Insights Limited 2022. Inspired by Duggan's description of GE's What Works Matrix

Break #4 (of 4 today)



Next session starting at

15:40

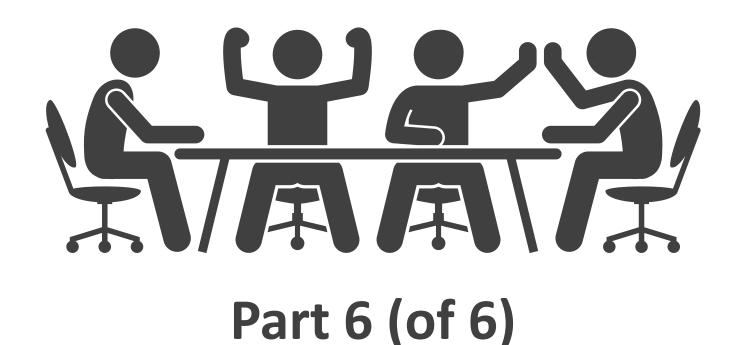




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ICMIF Advanced Management Course 2024

Peer-to-peer consultancy #1: your challenges



Today's session ends: 17:00



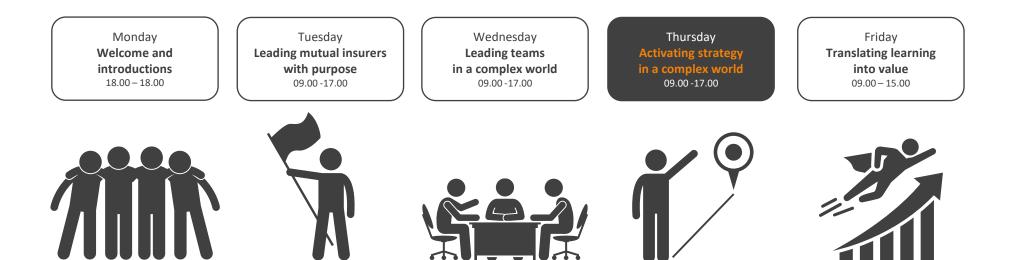




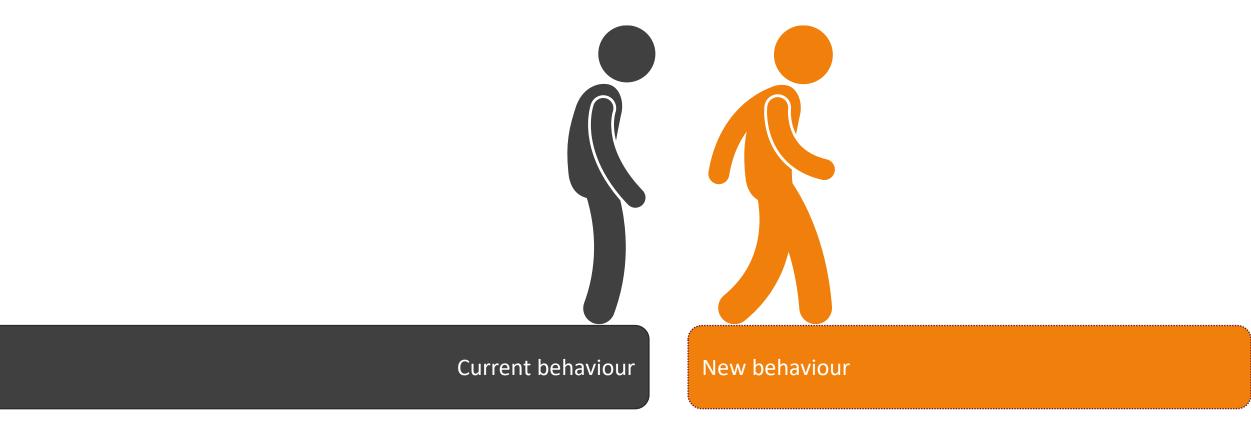
- 1. The mutual difference
- 2. Developing talent
- 3. Digitalisation, technology & AI
- 4. Regulation and compliance
- 5. Business transformation

- 6. Recruiting and retaining talent
- 7. Practice with the pre-mortem
- 8. Private reflection
- 9. _____ 10.

Tomorrow



Activating Strategy Requires Behavioural Change



For Leaders to Activate the Strategy of Purpose-Driven Organisations

1. Clarify the Purpose By providing a vision of a to overcome self-interest

2. Lead to unlock the Drive to act

one of us By helping each person **connect** their own

purpose bigger than any

purposes with the organization's

3. Manage to provide the Organisation to act

By providing the capability and opportunity each person requires to act

Thank You

09:00 Start Tomorrow (please take your seats in good time)

